

YOUR COUNTY AGENT

Pest Control Complex Business

The control of pests in gardens and orchards is bad enough when we have only one particular pest to control. When we get several pests and try to control them all with one spray, then we get into a really complex situation. The pear grower is presently faced with such a situation and not only does he have several pests to control, but he has to be able to apply his spray in a very short time range and at the same time work it in between irrigating and other orchard practices. This present spray will be the last one for some growers, and the next to the last for others.

At this time it is necessary to put on the last spray for codling moth control, and at the same time it is necessary to control the spider mites and pear psylla. Codling moth control would be simple, and the application of DDT any time now, so long as it was put on three weeks ahead of picking, would solve that problem. It's necessary to complete the DDT spray three weeks before picking so there will be no residue on the fruit at harvest time. In order to save a special spray, something should be added for the control of pear psylla. This is a new pest in this area, and this is our first year's experience with it. We had hoped that the calyx spray would

give us season's control this year. It looks like we may have been a little optimistic, as there are a few psylla in most of the orchards in the valley. It's frequently very hard to find them, as much of an orchard will be free and then a few infested trees will be found in one spot. The psylla still have three months in which to multiply, so if control measures are not applied now it's likely that in many cases the orchards will be pretty badly infested by the middle of October.

It is unlikely that any fruit crops would be harmed, but when the psylla become numerous they produce large quantities of honeydew and the trees become excessively sticky. This causes an early leaf drop in the tree, and it also makes the trees disagreeable to work around.

Then we also have spider mite to control. During hot weather the spider mite build up rapidly, and our control materials break down rapidly, so control is difficult. Aromite gives our best results in hot weather, but it is worthless for the control of psylla. As a result, it might be best to add 3 pounds of EPN or 4 pounds of parathion to each hundred gallons of DDT spray. These materials will kill all mites and psylla that they contact, but as the mites frequently protect themselves with webs, they can get through a spray without being hurt. These materials can be made more effective by adding a pint of 20 per cent tetraethyl to each one hundred gallons. This not only kills on contact, but it is also a fumigant, and the fumes will penetrate the webs and kill all of the adult spiders.

Harvest in the earliest orchards will begin around August 11, which means that if you are going to start picking at the very first of the season this spray would have to be completed by the 21st. However, if you are going to start a little later, the spray could be delayed as late as August first and good psylla and codling moth control would still be obtained. However, an increasing mite infestation may force an earlier application of the spray.

Home owners will no doubt want to apply a more simplified program. For the control of codling moth alone, the use of a quarter pound of 50 per cent DDT in five gallons of water would be sufficient to spray a mature pear or apple tree. If earlier sprays have not been applied it would be difficult to get control now. If earlier sprays have been applied, then this spray would be very important in order to keep out the late season worms which cause the bulk of the damage.

The EPN and parathion suggested for use by the commercial growers is a dangerous material to handle so should not be used by the home owner. If pear psylla are a problem, and they will be more and more of a problem as the season advances, then it would be best to hire a com-

Will Open Bids On School Project Here August 22

Bids on a \$685,000 school building program for Ashland will be opened at 7:30 p.m. August 22, Leland Linn, superintendent of schools, has announced.

Nearly all large contractors in the state are expected to submit bids. The project here is one of the largest school building programs in Oregon this year.

The bids will be opened in the Briscoe school library, since a number of contractors and sub contractors are expected to be present.

Plans and specifications were being made available today at the superintendent's office, and contractors are being asked to qualify as to experience, financial backing, and equipment before bidding.

The architectural work is under the direction of Stokes and Ailyn, Portland.

Commercial sprayer to come in and spray the trees, and because of the dangerousness of these materials it would be best in home orchards to use malathion. This material is equally as effective as the others but much safer for the human. The reason it is not suggested commercially is because it costs about three times as much. This is not much of a factor in backyard trees, but it really runs into money when used on a commercial scale.

**Earwig Control**  
A pest of more immediate interest to many people is the control of the earwig. Earwigs have been very abundant this year, but they can be rather readily controlled by the proper use of DDT. There are two seasons of the year when earwigs can be best controlled. One of these is in late April, and the other is late July. The reason these are good times is that new broods are being produced then, and the young are much more easily poisoned than the old ones. A 10 per cent DDT dust or a spray containing one-quarter pound of 50 per cent DDT in three gallons of water gives good control. The DDT should be sprayed or dusted around the foundations, across the steps and any place where the earwigs may have been observed. Repeat applications will be necessary, and it is best to apply it immediately after irrigating and then leave the area with no further irrigation for several days or a week. Earwigs are frequently considered more of a pest indoors than they are outdoors, but still the best way to control them inside is to eliminate them outside. That is one reason we suggest applying DDT to the steps and door sills, so that any

earwigs trying to get into the house will be killed on their way. By carrying this program out persistently, very good earwig control will result.

HARD TOP RACE LEADERS

12 HIGHEST POINT-MEN ARE THE HANDICAPPERS

1. Seismore	Ashland	68 points
2. Rosenbaum	Medford	65 points
3. Mills	Grants Pass	60 points
4. Kodat	Medford	52 points
5. Crosby	Ashland	48 points
6. Trombley	Ashland	48 points
7. Netherland	Medford	47 points
8. Ellison	Ashland	43 points
9. Gordon	Central Point	33 points
10. Hall	Ashland	31 points
11. DeHaven	Ashland	31 points
12. Carr	Phoenix	29 points
13. Taylor	Talent	29 points
14. Young	Medford	27 points
15. Radke	Medford	24 points
16. Janousek	Ashland	24 points
17. Austin	Ashland	24 points

Summer Students Enjoy Wide Range Extra Activities

Extra curricular activities for summer session students attending Southern Oregon college reach a climax this week with a wide variety of events planned.

Members of the Oregon History club and their guests visited Jacksonville Tuesday under the direction of Dr. Arthur S. Taylor, professor of social science. Last week a group led by Dr. John A. Schulz, associate professor of psychology, visited the House of Mystery at Gold Hill as part of classroom study.

The weekly assembly scheduled at 10 o'clock (Wednesday) morning featured a program by players of the Oregon Shakespearean festival. Faculty and students will enjoy an all-school picnic at 6 o'clock Thursday evening in Lithia park and attend the regular band concert following the social gathering.

Two special trips are scheduled over the week end. Dr. Elmo N. Stevenson, college president, will conduct his annual pack trip into the primitive lake area. Members of the group making the overnight tour will leave the campus at 7 o'clock Saturday morning and will change from car to horseback at Harriett lake.

The regular weekend trip will be conducted to the Lava Beds National monument under the direction of Dr. Donald A. MacDougall, assistant professor of social science. The group will leave the college at 8 a.m.

MARTIN ON MANEUVERS

Fort Lewis, Wash.—Sergeant First Class Norris G. Martin, son of Mrs. Edward Martin, 1049 Siskiyou Blvd., will participate in the exercise "Operation Signpost" July 19 through 28.

He is with the 31st Anti-Aircraft Artillery Brigade, one of several Army units in the first controlled training exercise geared to put the air defenses of the United States and Canada on an all-out operational basis.

His anti-aircraft artillery batteries, working jointly with Canadian air defenses and a major portion of the Civilian Ground Observer Corps (GOC), will comprise the team co-ordinated for this air defense maneuver over the Pacific Northwest.

SFC Martin, chief radar operator in Headquarters Battery of the 28th AAA Gun Battalion, entered the Army in 1935.

He has been awarded the Good Conduct Medal, American Defense Service Ribbon and the Korean Service Ribbon.

Billy Flies Low To Take Top Money

Continued from Page One

who won the rugged Trophy Dash and came in for second high money of the evening, states that in spite of lack of advertising up his way, that the Grants Pass people are buzzing about the S.O.R.C. track and that a large contingent of spectators from that city attended both races.

Track Manager, Norman Skippers, states that continued work on the track surface should make it even faster this week. He says announcer, Win Marks, and officials George Sennatt, "Moon" Mullins, and Bob O'Harra have petitioned for a barricade along-side the Judge's stand — or else a helicopter to evacuate them in a hurry as seemed indicated when club president Blair Crosby was a knocked into the infield Saturday night, and did a neat "Slalom" in and out of the two up-track poles, in order to avoid smashing into the officials stand.

Although the program ran much smoother this week, starter von Kuhlmann hopes to speed it up even more by running future time trials two cars at a time, a half a lap apart.

Manager Skippers also reported that with the four ticket windows in operation last week,

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patrons suffered no long waiting, and increased concession personnel worked so well that all the hot-dogs on hand were served by 10:00 o'clock. He said he expected more cars and an even larger turnout for the next race and was preparing accordingly.



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SPECTACULAR!!! HARD TOP STOCK CAR RACES! MORE CARS THIS WEEK DRIVEN BY ROGUE VALLEY DRIVERS YOU KNOW! MORE THRILLS - SPILLS FOR THE BIGGEST SATURDAY EVENING'S SHOW IN THE VALLEY, COME OUT TO THE ASHLAND RODEO GROUNDS Saturday 7:30 p.m. Tickets on Sale, 5:30 p.m. ADULTS \$1.50 Under 12—50¢ (in arms free) (tax included)