

**Practical Pointers From Branch Farms**

A stationary spray rig which has been in operation for 10 years on the Hood River branch experiment station has used for power throughout the period an engine from an old 1915 automobile which cost only \$25 originally and operates at a cost of about \$26 per year, less than a fourth of the estimated power cost for electricity. So many advantages have been found for the stationary spray outfit as compared with the portable that 15 or 20 growers in the valley are making such installations this year.

Thirty-six miles of roads and 86 miles of fence have been built on the new 16,000 acre Squaw Butte range experiment station in central Oregon. These and other improvements have been made by a CCC camp established there. Some of the fences are coyote proof, while a few around small test plots even exclude rodents. All the fences are built with large peeled juniper posts, which last almost indefinitely in that climate.

Morning glories are being controlled by two methods on the Union branch experiment station without using chemicals. On one patch which had become badly infested, alfalfa was seeded, and by the end of the third year no morning glory can be found. Farmers throughout many parts of the state have successfully controlled morning glory with alfalfa on land where the latter will do well. In a variation of the clean cultivation method on the Union station a potato digger was used on a small patch to bring roots to the surface. At the end of two seasons, with one crop of fall wheat in between, the morning glories had been cleaned up.

The rotation of peas and spring wheat in the heavier land section of Umatilla county has been found to be the most profitable in experiments conducted on the Pendleton branch station. Plenty of moisture is usually available for maturing these crops in alternate years without the use of summer fallow.

**Control Work Started On Garden Symphalids**

Hope for the thousands of persons all over the west coast whose farms and gardens suffer annually from the work of those small, threadlike worms known as symphalids or garden centipedes is to be found in the fact that a search for a solution to

the problem has been started by the Oregon State college experiment station, using funds appropriated for that purpose by the last legislature.

Hundreds of letters pour into the experiment station offices annually from persons who say they have planted corn or some other crop several times and cannot get a stand, or that the plants they set out do not grow, regardless of ample water and fertilizer. Almost invariably their trouble is an infestation of symphalids, the station finds. The pest does not confine itself to gardens, of course, but feeds on the seeds and fine white roots of many crops, even including black locust and Russian olive trees. In one case they were found responsible for \$6000 damage to asters and aster seed.

No survey has yet been made of the exact areas infested with symphalids or of the annual loss caused by them, but for the mass of people in Oregon who raise crops either commercially or otherwise, they constitute probably the most serious single problem from the standpoint of financial loss and difficulty of control, according to A. G. B. Bouquet, vegetable crops specialist at O. S. C. Bouquet is working with the entomology department on the problem. The pests are known to exist in western Oregon counties from the Jackson county line north, and in Washington and British Co-

lumbia. Few reports have yet come from eastern Oregon, Bouquet says.

Professor Bouquet believes symphalids are often unwittingly brought in in the soil around plants purchased at stores and elsewhere, and in manure that has become infested with the small pests.

The greatest difficulty in working out a method of control for symphalids is that they are not affected by anything that will not penetrate the soil, according to Bouquet. The funds provided by the legislature for an investigation of the problem came a little late for a good start this year, but studies are under way on the station looking toward development of control methods.

**Dean of Men Assistant Named at O. S. C.**

Corvallis—Dan W. Poling, who has been superintendent of schools at Maupin and Myrtle Creek, has been named assistant to the dean of men at Oregon State college, subject to final confirmation by the state board of higher education. Poling is a graduate of Oregon State college school of commerce in 1928.

The new assistant succeeds Percy Locey, who is now manager of both intercollegiate athletics and the campus non-athletic students activities. In his new position Poling will give special attention to living organizations, dormitories, clubs and class organizations, while Dr. U. G. Dubach, dean of men for the past 12 years, will handle the personal guid-

ance work. The campus personnel organization, which assists students in every school, will be continued under the coordinated plan adopted a year ago.

Poling is the son of Dr. D. V. Poling, present high school contacts man for the state system of higher education, and a relative of Dr. Daniel Poling, noted Philadelphia minister.

He will also teach some classes in political science, a department of which Dean Dubach is head.

Verner Troedson, in twon Saturday from the north Ione section, reported his harvesting operations under way. His crop of white federation was turning out pretty fair, he said.

**Morrow County Grain Growers**

LEXINGTON, ORE.

**Warehouses at LEXINGTON and IONE**

PHONES: Heppner, 1462; Lexington 1711

**ANNOUNCE**

Change in management, and introduce Mr. G. J. Ryan, as manager, with main office at Lexington.

GRAIN MARKET ADVICE CAN BE SECURED EACH DAY BY CALLING EITHER OF THE ABOVE PHONE NUMBERS

**GRAIN BUYING, FEED, FUEL**



You ask of us now what is new; Our master baker says to you: Our fresh fruit pies can't be beaten. They're the best you've ever eaten.

If you want something really delicious take home one of our fresh raspberry pies. Their tender, flaky crust and tasty, appetizing filling will have Mother wondering if she wasn't really just an amateur at pie

**Heppner Bakery**

**MOVED**

We invite you to visit our new store in the former

**FORD GARAGE BUILDING**

New, attractive quarters, better equipped to fill your needs for

**SHELF HARDWARE**

**CARPENTER and GARDEN TOOLS**

**GUNS and AMMUNITION**

**FRIGIDAIRE Electric Refrigerators**

**MAYTAG Gas or Electric Washers**

Our aim is satisfactory service

**Green's Hardware**



YOU CAN BUY YOUR AUTOMOBILE

**THIS Low Cost WAY**



- ✓ LOWEST COST FINANCING
- ✓ ESTABLISH BANK CREDIT
- ✓ YOU MAKE A CASH DEAL
- ✓ INSURANCE PLACED LOCALLY

Under this plan the borrower supplies one-third of the cost of the car in cash or by the trade-in value of another automobile. This bank supplies the balance needed to make possible a cash deal. MODERATE INTEREST on the loan and insurance on the car are all you pay. No Extra Charges. CALL AT ANY BRANCH

★ **HEPPNER BRANCH** ★  
**THE FIRST NATIONAL BANK OF PORTLAND**



"First National Bank West of the Rockies"

MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION