

Big Returns From Research Studies Shown in Report

Dividends accruing to Oregon from research on agricultural problems financed from special legislative appropriations alone have exceeded \$3,000,000 annually during the past 10 years, according to estimates contained in a progress report of these investigations issued by the O. S. C. experiment station. The report covers only the research financed under the so-called omnibus bills in which definite amounts are designated for specific problems.

The report lists 28 specific diseases, insects and pests attacking Oregon crops for which effective control measures have been worked out under these special projects. Many more are still under investigation while new problems are constantly arising in connection with Oregon's production of more than 100 major different crops on more than 400 identified soil types.

The illustrated report prepared by R. S. Besse, assistant director of the experiment station, and Robert M. Alexander, administrative assistant, is arranged differently than heretofore. The projects are grouped

Fisherman's Friend



Colorado trout streams should yield a better haul in years to come through an on-the-job training program recently approved by the Veterans Administration of the State Hatchery, Bellvue. Shown graduating minnows to a more adult pool is Richard E. Matthews, who is taking the 2-year fish culturist course. Matthews was injured on Active.

by major commodities rather than as a list of separate projects. Each section includes a resume of progress in past investigations and legislative funds needed for the next biennium.

Listed in separate sections are

field forage, seed, oil and drug crops as one group, small fruit crops, vegetable crops, nursery and ornamental crops, chickens and turkeys, dairy production and processing, other livestock including beef cattle, swine, sheep and horses; marine products, fur farming, industrial and chemical residues, Northrup creek experimental area, Klamath experimental area, Red Soils experimental area, and Southern Oregon branch station.

Vic Vet says

GI INSURANCE IS YOUR MOST VALUABLE SOUVENIR OF SERVICE—HANG ON TO IT! IF LAPSED, REINSTATE IT!



Machines Help Fewer Farmers Feed More People



Today farm employment is slightly under 10 million people, or 18 per cent less than the 12,000,000 of 1910. Yet, these farmers are able to supply the nation with more than enough food, even though our population has increased 53 per cent from less than 92,000,000 in 1910 to over 141,000,000 persons. The increased productivity of our farmers is largely the result of the high degree of mechanization of our farms since 1910. This is exemplified by the fact that in 1910 there were only 4000 tractors on farms in the United States, but today there are over 2,000,000.

Typical of the amount of steel required to make each unit of farm equipment is the medium-sized, all-purpose farm tractor of 25 h. p. which takes 1542 pounds of various types of steel, according to data supplied the American Iron and Steel Institute by a leading manufacturer. A total of 340 pounds of steel is used to make the tractor transmission alone, while another 301 pounds are needed in the manufacture of the engine and clutch. The brakes, rims and wheels take 119 pounds of steel, and the rear axle requires almost 190 pounds more.

The development and improvement of farm equipment since the invention of the McCormick reaper in 1831 has closely paralleled the growth of our steel industry, and today steel comprises a major component in the production of farm equipment. In 1945, 1,120,320 tons of steel were used in the production of farm equipment and for other agricultural purposes.

The balance of the steel enters the manufacture of other tractor parts. The steel weights given are the weights of the rough steel purchased to machine and assemble the various tractor parts. Gray iron and malleable castings are also used in fabricating certain tractor parts, but the rough weight of steel required equals 40 per cent of the combined weight of all materials.

National Forest Funds Distributed

Oregon and Washington are benefiting to the extent of nearly a million dollars in the distribution of 25 percent of national forest receipts for the fiscal year 1946, according to H. J. Andrews, regional forester, Portland.

Oregon ranks first among the states, with a total of \$559,280; California is second with \$414,466; and Washington is third with \$398,089. The distribution

is shared by the 40 states, Alaska, and Puerto Rico, which include national forest acreage.

State Hatcheries Stocking Streams

The Oregon State Game commission fish tank trucks are scheduled next to start hauling 100,000 rainbow trout from the McKenzie hatchery and 95,000 from the Hood River hatchery. The fish are all five inches or more in length, having been held over the winter and will be released in the McKenzie watershed and in waters of Hood River, Union, Umatilla, Gilliam and Morrow counties.

Releases already made this month include 100,000 six-inch cutthroat from the Cedar Creek hatchery in Tillamook county and 80,000 from the Bandon hatchery in Coos county. These fish were planted in the following counties: Clatsop, Columbia, Tillamook, Lincoln, Coos, Washington, Douglas, Lane, and Curry.

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STAR REPORTER

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Selected Short Subjects With All Programs
Program Subject to Change—Watch local newspaper for weekly announcement

FRIDAY-SATURDAY, MARCH 7-8

COCKEYED MIRACLE
Keenan Wynn, Frank Morgan, Audrey Totter, Cecil Kellaway
A comedy-fantasy that comes off with a bang.

Murder on the Yukon
A Renfrew of the Royal Mounted action film.

SUNDAY-MONDAY, MARCH 9-10

KID FROM BROOKLYN
Danny Kaye, Virginia Mayo, Vera-Ellen, Eve Arden, Walter Abel, Lionel Stander, Fay Bainter, Jerome Cowan, Johnny Downs
Rated one of the funniest musical comedies ever made, this package of entertainment dynamite is based on "The Milky Way," a hilarious comedy made by Harold Lloyd a number of years ago.

TUESDAY, MARCH 11

ROLLING HOME
Jean Parker, Russell Hayden, Raymond Hatton
This is one of those simple stories about a man, a boy and a horse that has vast appeal.

Amateur Home Talent on the Stage
Net proceeds from this program go to the High School to be applied on the purchase of band uniforms and electric scoreboard.

WEDNESDAY-THURSDAY, MARCH 12-13

NO LEAVE, NO LOVE
Van Johnson, Keenan Wynn, Pat Kirkwood, Xavier Cugat and his Orchestra, Guy Lombardo and his Orchestra, Edward Arnold, Marie Wilson
Crammed with big names, jammed with songs and laughter, packed with plenty of entertainment.

The Country Editor

Some of the most important things in life are taken for granted and accorded scant consideration until they cease to function. For instance, the occupants of a luxurious Pullman sleeper think little about the wheels on which it rolls. The most vital things are generally the least obvious. The country press goes in this category. But there would be no United States without the country press, any more than there would be a Pullman car without a wheel.

No nation in the world is so universally served with newspapers as is the United States. But the average citizen doesn't know this—he takes the newspaper for granted even in the smallest town. And yet without the newspaper, community affairs could not be conducted as they are. Try and think of your town without newspapers, even the smallest weekly. Where would you get the local news and the intimate information on births, marriages, deaths and the affairs of the community that at some time or other are so important to every family? Where would you read the proceedings of the county courts, the legal notices, the personal columns, the news about the local churches, lodges, and the advertising of the local merchants? The big city dailies carry the world news, but they cannot carry the day-to-day happenings of the smaller towns and cities.

Along with the school teacher, the local editor is responsible for the education of the community. A good editor comments on activities, local, state, and national, that affect the lives of all citizens. He discusses questions from the standpoint of their bearing on community welfare. He must have a good working knowledge of government, legislation, social conditions, industries, labor, taxation—the things that affect the working man, the businessman, and the family. The local editor accepts a real responsibility in publishing even the smallest weekly, for when the reader sees something in print, he thinks it is the truth.

How many people appreciate these facts that underlie the ownership and publication of the 12,000 country newspapers in the United States? Those papers are the greatest safeguard of our nation's independence. They are individually owned, and the vast majority of their editors are well grounded in the ideals of Constitutional government, and are opposed to trends toward socialism which disregard the importance of the individual. The country press reaches a majority of readers in the United States. It deserves more recognition than it receives. And in that respect it is like the wheel under a Pullman car, but with this difference: It is human and it can appreciate a word or act of encouragement while upholding the rights of others.—Industrial News Review.

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