

# FARM

## County Agent's Office

### Cereal Nursery Tests Show Best In Grain Yields

By EUGENE P. WINTERS  
County Extension Agent

Results of the Cereal Nursery this year on Frank Anderson's farm are now available in mimeograph form from the county extension office.

Harvested this year in the trial were 23 winter varieties or crosses, 16 spring wheats and 10 winter barley. Spring wheat out-yielded winter wheat under test this year. Highest producing spring planted varieties were Lembi 53, Federation, Idead 59, Lembi 62, and Marfed. There was little difference in yield among these five, but there were differences in plant height and test weights.

Winter wheats were led by experimental crosses, followed in order by Omar, Moro, Orfed, and Golden. Winter wheats ranged from 9.5 bushels to 29.9 bushels in yield. Test weights were between 59.3 and 62.8 pounds per bushel. Plant heights were measured from 17 inches to 22 inches tall of the winter planted wheat.

Spring wheat yielded between 21.2 and 30.4 bushels per acre. Plant heights varied from 23 inches to 29 inches in length. Test weights were from 58.5 pounds at the lowest to 62.1 pounds per bushel of an experimental cross.

Hudson ranked well up in the winter barleys, yielding 1720 pounds per acre of 49.9 pounds test weight barley. Hudson grew to 24 inches this year in the plot. Three new barleys out-yielded Hudson.

The nursery, like many fields in the county, suffered from burnt spots with replications of the September 23, 1965 planted wheat and barley. Lack of uniformity contributed to low yields.

#### Fact Sheets Available Soon For Chemical Weed Controls

It is getting time to start chemical winter fallow on grain lands in the county. Where chestnut, rye, and winter annual broadleaf weeds have been a problem, amirtrole combined with 2,4-D ester is one treatment suggested for stubble application.

Amirtrole combined with Atrazine is another treatment to aid stubble mulch tillage.

With either treatments, weeds must be germinated before application is made for good results. Rates to use, time of application, and precautions to follow will be in a fact sheet prepared by Rex Warren, Extension Farm Crops Specialist, available soon from the extension office.

#### Controls Small Seedlings

Dihron (Karmex) has been rejected for broadleaf weed control in winter wheat in those areas of eastern Oregon having 10 or more inches of annual rainfall. This treatment is most effective on weeds when small seedlings, or at germination time.

Bromoxryl is also rejected for use of broad leaved weed control in wheat and barley only. This material should be applied when all weeds have

#### New Club Formed For Lone 4-H Sewers

The Lone 4-H sewing club met at the home of Karen Crowell last Wednesday. Plans were discussed for the coming year, and they voted to name the club "The Super Stitches." They will meet once a month.

The following officers were elected: Cathy Crum, president; Karen Crowell, vice president; Kathleen McElligott, secretary, and Cassy Chapel, reporter. Refreshments were served by Karen Crowell.

#### Discuss Showcase

Gooseberry 4-H Livestock club held a meeting October 9 at Louis Carlson's home. We held a discussion on ribbons which we had won at the fair. Then we discussed making a ribbon showcase. We finished by bringing our records up to date.

Mary McElligott, reporter

### Great Program Scheduled at PI On October 14-22

A changing lineup of stars, more premium livestock than ever and such new features as an antique motor car exhibit and a first time Northwest Finals Championship Rodeo will be part of the kaleidoscopic program for the 56th showing of the Pacific International Livestock Exposition October 14-22 in North Portland.

Closing September 10th of entry lists for open class livestock left clerks with stacks of entries to record and assurance that every animal stall and pen will be filled.

With only four weeks remaining until crowds push through the brand new entry way and lobby of the Multnomah County Exposition Center (formerly the P-I building) the full program for the show has been firm, according to William F. Martin, executive general manager.

For the first time the P-I will change the pattern of its arena shows as they move through 12 scheduled performances of Class A horse show and Northwest Finals rodeo. The change will be in the featured act with four different presentations offered during the run.

Comedian Mort Sahl will appear opening night and at two performances Saturday, October 15.

Mrs. Elva Miller, the California housewife whose off-key singing has made her a national sensation, is billed for October 16, 17 and 18.

Wednesday night, October 19, will be reserved for a special performance by the prize-winning Al Kader Shrine Temple mounted patrol. An arena parade of historic automobiles — some of them on regular exhibition — is scheduled for the same night.

The Good Time Singers, youthful group often featured by Andy Williams on his television show, will appear on October 20, 21 and 22.

Historic automobile clubs of the Portland area are pooling efforts to present a showing of 25 antique "horseless buggies" and later rare models as a special exhibit in the Exposition Center's huge commercial and educational exhibit area.

Known as the nation's most diversified major livestock show, the P-I will again have youth classes attracting 4-H Club and Future Farmer of America entrants from five states.

Advance sale of box and reserved seats for the nine evening and three matinee arena shows is underway through local committees in communities throughout the Northwest.

emerged, but while still small.

#### Report Gives County Data

Did you know that Morrow county farmers and ranchers in 1964 purchased petroleum products amounting to nearly \$601,000; that on 257 farms hired labor was paid \$881,000; and that 200 farms purchased \$305,500 worth of fertilizer and fertilizer materials. This and other agriculture census figures have been recently made available in a preliminary report.

### Farmers Union Asks Land Study; Shuns Sales Tax

Resolution requesting that funds be allocated for the Bureau of Reclamation to make a reconnaissance study of the lands in Gilliam, Morrow and Umatilla counties facing the Columbia River was passed by the Morrow county Farmers Union at its meeting in Heppner Tuesday night, October 4.

The resolution will be sent to Oregon's congressmen. The resolution said that the belt of land along the river is "one of the greatest potentials" of the western United States. It pointed out that the land is very adaptable to irrigation, that wells have proven it to be even more productive than anticipated, but that underground water supply is limited.

Great power dams on the river make unlimited power supply available and their pools give water capacity for irrigation, ideally suited to supply the level desert lands of the three counties, the resolution said.

The organization went on record as being opposed to a sales tax in Oregon and favored an increase in the income tax or a net receipts tax as an alternative.

Orville Cutsforth, president, was in charge of the meeting. About 15 attended.

#### REGIONAL DIRECTOR JAMES HUTCHINSON, the Oregon Wheat Growers League representative in Tokyo, looks at one of the sliced bread holders in this picture of the sandwich machine.

The sandwich is made by a slice of bread being dropped on the conveyor, then the spread filler is added from the large funnel shaped attachment and another slice of bread is put on top from the sliced bread holder. The sandwich is then sliced and wrapped. A sliced meat and cheese filler attachment can also be used on this machine.

Don Woodward, president of the Oregon Wheat Growers League says, "If bread consumption could only be increased as fast as this machine makes sandwiches, we could sell all the wheat raised and then some." This machine turns out sandwiches at a 1,200 per hour clip.

Regional Director of Wheat Associates, James Hutchinson, and Assistant Director Paul Sone, both played a part in developing this machine. They were consulted by its inventors for suggestions. One of the suggestions offered was a way to make sandwiches with sliced fillers such as ham or cheese. The machine pictured makes a spread sandwich such as tuna fish. It slices the finished sandwich into two halves, and then wraps it. Mitsubishi Heavy Industries, Ltd., of Japan is getting ready to produce the machine for sale. They expect sales to any mass feeding organization such as school districts, factory food concessions, and sandwich vending machine operators. Wheat Associates is always interested in anything that promises to increase the consumption of wheat.

### Farms in County Decline to 338

A total of 338 farms was counted in Morrow county during the 1964 Census of Agriculture, the U. S. Department of Commerce's Bureau of the Census reports.

In the last previous Census of Agriculture (1959), the total counted in the county was 386 farms.

The 1964 total is published in a preliminary report on the county just issued. The report also shows that average farm size in the county was 3,231.2 acres and that the average value of the county's farms (land and buildings) in 1964 was \$197,861.

Other important county statistics in the report are:

1. Value of all farm products sold by farms in the county in 1964, \$7,930,889; in 1959, \$11,516,722.
2. Value of all crops sold by county farms in 1964, \$3,714,172; in 1959, \$8,615,395.
3. Value of all livestock and livestock products sold by county farms in 1964, \$2,765,347; in 1959, \$2,901,327.

A Census of Agriculture is taken every five years in years ending in "4" and "9" to gather information on the nation's agricultural resources and production. The data are needed to make decisions affecting many segments of the U. S. economy. The 1964 farm census was the 18th in a series that began in 1840.

The preliminary report for the county contains more than 500 facts about agriculture in the county. Among additional facts it contains are the number of farms by size, type, and economic class; the number of farm operators by method of tenure, age, color, off-farm work, and number of school years completed; land in farms by use and by land-use practices; data on equipment and facilities; farm



### Rohde Named Chief Of OSU Ag Station

Dr. Charles R. Rohde has been appointed superintendent of the Pendleton branch of the OSU Agricultural Experiment Station.

He will succeed Merrill Oveson, who retired effective September 30.

The announcement was made by Dr. G. Burton Wood, OSU Agricultural Experiment Station director.

Dr. Rohde joined the Pendleton station as an assistant professor in 1952 after coming from the University of Wyoming where he was in charge of small grain breeding.

In 1956, Dr. Rohde was promoted to associate professor. In his new position he will have the rank of professor.

At the Pendleton station, he has been in charge of cereal breeding and testing research. The new stripe rust resistant white club wheat variety named Moro and released in the fall of 1965 was developed by Dr. Rohde.

Dr. Rohde also has new spring wheats, winter barleys and improved winter wheats in various stages of development at the Pendleton station.

Dr. Rohde earned a bachelor of science degree from Montana State College in 1947 and a doctor of philosophy degree from the University of Minnesota in 1953.

From 1947 to 1950, he was a research assistant in plant genetics at the University of Minnesota.

He took a leave of absence in 1959 to study and work with the cereal research program at the University of Nebraska.

The new superintendent is a member of the American Society of Agronomy, Crop Science Society of America, Western Society of Crop Science, Phi Kappa Phi scholastic society, and Alpha Zeta, agricultural honor group.

#### Murray Pledges

Mark Andrew Murray, 18, son of Mr. and Mrs. Roderick Murray, Heppner, was pledged Monday, September 26, into Oregon State chapter of Sigma Phi Epsilon fraternity at Oregon State University. A graduate of Heppner High in 1965, Murray is now enrolled at Oregon State University and majoring in pharmacy.

Sigma Phi Epsilon, the third largest national fraternity with 163 chapters was founded in Richmond, Va. in 1901. The Oregon State chapter has been on the Oregon State University campus since 1918. During this period Sigma Phi Epsilon has been a consistent leader in scholarship, maintaining the highest GPA of all fraternities in the past 34 out of 35 years.

#### Jones Reelected To Grain Board

Paul Jones of Heppner was reelected a director of North Pacific Grain Growers to serve this district at a caucus of district three held at Arlington last Thursday night.

Attending the caucus were Walter Jacobs, president of Morrow County Grain Growers; Harlan McCurdy, Jr., manager of MCGG; Homer Hughes, Rudy Bergstrom, and Jones.

There are six directors in the northwest on the North Pacific board and two represent district three.

### Measles Vaccine Here for Children

Dr. L. D. Tibbles, Morrow County Health Officer, announced that measles vaccine allotted to Morrow County through the Oregon immunization program, Oregon State Board of Health, is still available through local physicians. It is offered without charge for the immunizing materials, to Oregon children of pre-school age. It is recommended by the American Academy of Pediatrics that this type of vaccine (Edmonston strain of live, attenuated measles virus vaccine) be given only to children aged 12 months and older.

One dose is expected to confer immunity. Measles vaccine is strongly advised because the disease of measles may be accompanied by complications of ear damage, or brain damage, or pneumonia, that occur in about one child out of six.

A charge may be made for administering the vaccine, but not for the vaccine as such.

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#### Motorists Reminded Of School Bus Law

Leonard Toll, bus supervisor for Morrow county schools, calls attention to state laws requiring motorists to stop while school busses are loading or unloading.

Traffic must stop in both lanes when flashing red lights on the busses are in operation, he said.

On two and three lane highways this includes vehicles following the bus that is unloading, as well as vehicles approaching the bus in the other lane or lanes of the highway. The vehicle must remain stopped as long as the red warning lights are flashing.

Toll said that quite a number of infractions of the law have been noted by school bus drivers, particularly by motorists approaching busses in an adjoining lane.

Mr. and Mrs. Bob Abrams and family spent the week-end in Portland and Longview, Wn., visiting with members of Bob's family from Longview and Everett. Part of the family group attended the Oregon-Stanford football game on Saturday.

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