

FARM

County Agent's Office

Extensive Testing Indicates Best Yields in Spring Seed

By GENE WINTERS
County Extension Agent

The limited supply of quality seed of high yielding, early maturing, disease resistant varieties of spring wheat and barley, having desirable straw strength, can affect the income from acres planted to these crops in the county.

Testing over the years has shown Idead 59 and Federation spring wheat to be the highest yielding varieties on the Morrow and Condon soils. On the Ritzville soils, Marfed, Lemhi 66 and Lemhi 62 have been the better yielders. Federation and Marfed are listed as being susceptible to stripe rust. Lemhi 66 has been bred to be resistant to stripe and stem rust. Marfed has not been recommended in Oregon because of its poor milling quality.

Gem and Harlan spring barleys have been the consistent high yielders in trials on Morrow and Condon soils in the county. Top yielders on Ritzville soils have been Aristan, Harlan and Flynn 37. These varieties are all six rowed early maturing with moderately stiff to stiff straw. Gem and Aristan have semi-smooth awns (bristles). Harlan is rough awned and Flynn has smooth awns. Seed availability may improve as new varieties are released for seed increase.

Trees Still Available

Persons who wish to plant trees from the state forestry nursery this spring on their farms and woodland should not delay ordering to insure delivery. Species still available at the latest report are Ponderosa and Lodgepole Pine, White fir, Chinese Arborvitae, Black Locust, Russian Olive, Chinese Elm and Caragena.

Order forms are available at the County Extension office.

Wheat for Dairy Cattle

H. P. Ewalt and D. E. Anderson, OSU extension dairy specialists, recently reported on some grain ration research conducted by D. E. Waldern, formerly at Washington State University and now with the Canada Department of Agriculture. Grain rations containing from 20 to 93% Pacific Northwest soft wheat were palatable to high producing cows when offered on a free choice basis with limited alfalfa hay. The control ration containing three cereal grains and a protein supplement was not preferred over a ration containing 93% wheat.

In production trials wheat maintained milk production at a high level when fed as the only cereal grain in a concentrate ration for lactating cows. Previous limitations on the use of wheat in dairy cow rations were based on the physical nature of the wheat, where fine grinding of the wheat tends to create a balling (balling-up) of the finely ground wheat when the feed enters the rumen. Other means of preparing the grain have eliminated this problem.

Special Labeling Required For Toxic Treated Seed

Seed treated with any substance likely to be poisonous or toxic to humans or animals cannot be sold, shipped, transported or delivered in Oregon after February 1, 1968, without special labeling.

Regulations promulgated by

Study Reveals Elevator Storage Affects Wheat

Does elevator storage affect wheat?

A state-federal matching fund wheat marketing project, soon to enter its final year, is showing it does. And, already some elevator operators are using this information to improve management practices.

Covering the three-state area of Oregon, Washington and Idaho, the project is aimed at helping elevators maintain the high quality of wheat while it is in storage.

Project leader for the study is Dale Stuart, Oregon Department of Agriculture, with Myron Shenk, Oregon State University graduate student, assisting him. Participants are the departments of agriculture and wheat commissions of the three states, industry and the U. S. Department of Agriculture's Consumer and Marketing Service.

The study covers 24 elevators with partial studies on two others. The report compiled on finding from the research done on wheat from the 1966 growing season shows:

Evidence shrunken and broken kernels, damaged kernels, total defects, wheat of other classes and contrasting classes increased during storage. Decrease in dockage during handling and storage, with no definite conclusions as to why, but speculation it is due to loss of moisture from green weeds and disappearance of "white caps".

Increased in test weight of grain as it goes through the elevator. A new phase of the marketing study, added in 1967, is the protein survey, with wheat from 37 areas in the three states used and eight varieties covered. Tests covered 948 samples.

The analyses made by the Oregon Department of Agriculture laboratory showed the protein averages for the various varieties as follows: Soft white, 9.1 percent; white club, 8.8 percent; hard white, 12.5 percent; hard red winter, 11.2 percent; dark hard winter, 12.7 percent; yellow hard winter, 8.8 percent; northern spring, 12 percent; and dark northern spring, 13.4 percent.

Gazette-Times want ads pay. Phone 676-9228 for G-T want ad service.

Center to Serve Employment Need

The Heppner Neighborhood Center announces that it is offering the initial sign-up for unemployment compensation through the center, located in the Gilliam and Bisbee building at 120 South Main. Forms of notice of intent to file for unemployment insurance are available at the center, according to announcement by Mrs. Patricia Brindle, assistant coordinator.

Mrs. Rogene Coles, counselor with the employment service in Pendleton, will be at the center February 14, from 10 a.m. until 3 p.m. for anyone who wishes to receive employment counseling.

Basic education classes are scheduled to begin March 1 for those wishing to enroll. These G.E.D. courses are designed to prepare for high school equivalency examinations. Tuition for the classes is \$40 with an additional \$6 for text books. Length of the course is eight weeks, with classes to meet Monday through Thursday from 7-10 p.m.

More students are needed to fulfill the required ten per cent class.

Has Back Surgery

Nelson Connor is confined to St. Anthony hospital in Pendleton, where he underwent major back surgery early last week. He has been recuperating from back surgery performed several months ago, but complications made the additional operation necessary.

March Deadline Set for Changes In Premium Book

By MRS. LENNA SMITH
Fair Board Secretary

Any changes to be made in the 1968 Fair Premium book should be handed in to the fair board secretary, Mrs. Lenna Smith, no later than March 1, 1968. It is necessary that the book go to the printers no later than April 1 so books can be distributed to exhibitors early.


If any exhibitor has questions about what a judge looks for when judging fair exhibits, please contact the superintendents listed in your premium book and they will help you as much as possible—or call Mrs. Lenna Smith, fair board secretary. Let's exhibit in as many different divisions as possible to make this one of the best fairs ever.

If you wish to serve as a fair superintendent please call the secretary so that your name can be added to the superintendents list in the premium book. About eight superintendents are needed in the flower division and three in Children's Corner. Anyone who wishes to help with these will be most welcome. We would like to be made aware of your interest and can surely find a place for you to serve in several places.

In the following weeks an attempt will be made to show you "What The Judge Looks For" in all areas of the "Open Class" section of the fair. These areas will include knitting, clothing, foods, needlework, arts & crafts, children's corner, and others. Be sure to look for them in this newspaper.

Need scratch pads? Get them at The Gazette-Times.

Mr. and Mrs. Manuel Martin and children, T. J. Dawn and Colleen of Portland were Sunday afternoon dinner guests at the home of Mr. and Mrs. Forrest Burkenbine and family. While in Heppner, they also visited her grandmother, Mrs. Jessie Griffin at Pioneer Memorial hospital, and her uncle and aunt, Mr. and Mrs. Stanley Cox and family, before returning to Portland late Sunday.



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OREGON FARM CALENDAR

*INDICATES NEW DATES

- FEBRUARY**
- *10 Fourteenth Annual Fur Farm Day, OSU.
 - *14 Mid-Willamette Cherry Meeting, Polk County Fairgrounds, Rickreall, 9:30 a.m. to 3:30 p.m.
 - *21-22 North Willamette Horticultural Society Meeting (Vegetable, 2/21; Small Fruit, 2/22).
 - *2/29-3/1 Potato Growers Meeting at OSU, Food Technology Building.
- MARCH**
- *6 Annual Poultry School for Poultry Producers, Field Service-men and Allied Industries, Withycombe Hall, 9:30 a.m.
 - *13-15 Oregon Association of FFA Convention, OSU.
 - *18-21 Sheep Shearing School, OSU.
 - *26 Annual Livestock Field Day, 10 a.m., Burns and Section 5 Unit of the Experiment Station.
- APRIL**
- *1-2 Sheep Shearing School in Ontario.
 - *16-17 Sheep Shearing School in Grants Pass.
 - *18-19 Sheep Shearing School in Roseburg.
- JUNE**
- *2-5 Oregon Wheat Growers League Junior Livestock Show, Seufert Bldg., The Dalles.
 - *20-22 Annual Meeting of the Oregon Poultry and Hatchery Association, The Dunes Ocean Front Resort, Lincoln City.
- AUGUST**
- *14-17 Grant County 4-H Fair.
 - *20-23 Morrow County Fair.
- SEPTEMBER**
- *5-7 Grant County Open Class Fair.
- NOVEMBER**
- *13-15 The Oregon Association of Conservation Districts, Marion Hotel, Salem.
- DECEMBER**
- *5-6 Agricultural Cooperative Council of Oregon Annual Meeting, Marion Motor Hotel, Salem.
 - *9-11 Oregon Wheat Growers League Convention, Sheraton Hotel, Portland.

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2:00 P.M.

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Registered Hereford Bulls

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- 24 SIRE BY SILVER PRINCE 14 son of Bridwell's Real Silver Domino 203

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