

FARM NEWS

County Agent's Office

Hudson Barley Holds Promise For Use In Morrow County

By N. C. ANDERSON

There have been a lot of questions asked in the past few days, on Hudson barley. Seed has been restricted, but there will be some available for the general public this fall, and those who are considering growing this variety are asking these questions. We can't answer all of them, however, observations have been made by the Moro Experiment Station since 1953. I have watched it and compared it to other varieties at the Frank Anderson Cereal Nursery in the Eightmile community, for six years. Kenneth Peck, Lexington, and McElligott Bros., Ione, divided 400 lbs. of Hudson that was the entire increase seed of this variety from the Moro Experiment Station in 1961. Last fall Frank Anderson, Heppner, and Lloyd Howton, Ione, divided another thousand pounds from the experiment station for seed increase.

While some seed has been brought in to the Columbia Basin from the mid-west and the Hudson River area of the East, where the variety was released, I know of none of this seed in Morrow county. The variety is moderately winter hardy, and we think, compares with the winter varieties now available with the exception of perhaps Alpine, which does have good winter hardiness. It is a winter variety, in comparison to Flynn 37, our standard variety, a strictly spring variety. Hudson has consistently produced a high test weight barley, testing 50 lbs., or more in the nursery. This has been in comparison to test weights of other varieties that are commonly grown here such as Flynn, testing 44, Olympia 41, Alpine 42, and Winter club 41 lbs. For the past several years here the average test weight has been 50.5 lbs. Average yield for this period has been 2,172 lbs. per acre compared with Alpine 1,338, Winter club, 1,126, Olympia 1,325, Flynn 1,056, and Spray 703.

I think that Hudson holds much promise as a moderately winter hardy barley variety for Morrow county ranchers. While there will be little seed available locally this year it is hoped that several will be able to get seed enough to get a start with the variety. It is possible that the price of seed from outside sources might be reasonable enough this year that some will wish to have it shipped in. Freight has been a problem in the past which when added to the original cost appeared to be too expensive.

Ram Sale Scheduled Aug. 3

For several years a number of 4-H members and some adult breeders have been purchasing rams at the annual Willamette Valley Ram Sale, held at the Linn county Fair Grounds in Al-

bany. The 23rd annual sale will be held on Saturday, August 3, beginning at 10:00 a.m. Scheduled for sale are 225 head of yearling stud and range rams and ewes. Breeds in their order of sale are Romney, Lincoln, Corriedale, Columbia, Cheviot, North County Cheviot, Shropshire, Hampshire, Southdown and Suffolk. Catalogue requests should be sent to O. E. Mikessell, Secretary, P. O. 365, Albany.

Soil Conservation Related To Water Conservation

Conservation of our natural resources is becoming more popular to all segments of the people and rightly so as our population increases and these resources must be wisely used without waste by the evergrowing public. It was interesting to see the many conservation practices being carried out throughout the dozens of soil conservation districts that I visited on the Dow Study Tour during June. Major emphasis in all these districts in the southwest was given to water. Wherever we went we could see multiple use of water even down to sewage water from cities that is being utilized in most places.

Of interest was one of five desalination plants, built by the government, operated by the Bureau of Interior, to develop practical methods of converting high salt content water to water that could be used for domestic, industrial and agricultural purposes. One such plant which was to be officially dedicated a few days after we visited it at Rosewell, New Mexico, was being operated on water pumped from wells that was too "brakish" for use as it came from the wells. This seventeen million dollar plant, a regular "Rube Goldberg" affair, was converting this water at a cost of \$1.00 per thousand gallons. We were told that the practical cost would be in the vicinity of 60¢ per thousand gallons. The city of Rosewell, New Mexico, was purchasing the water for \$1.00 per thousand connecting it to its city mains for all use.

Getting back to Morrow county, we saw the value of trashy fallow in the recent cloud burst which occurred on July 7. We observed a little runoff from some of the trashy fields but a very small amount compared to those fields that contained little or no trash incorporated into the sub-surface. Bob Jepsen, supervisor of the Heppner Soil Conservation District and an ardent advocate of soil conservation, admits that he used the moldboard plow some this year in an attempt to get ahead of cheat grass, which had become a problem in a field or two. His comparison of the results of the heavy rainfall was interesting when he indicated that the stubble mulched field was mellow and absorbed all the moisture that fell, while the moldboard was "beat down" with some puddling and running within the field. There were others with like comparisons.

More Ranchers Turning To Strip Crop Conservation

Forwarding the conservation program is the Heppner Soil Conservation District which has been one of the active districts of the entire Pacific Northwest since its organization in 1941. At one time there was more strip cropping in Morrow county than in all districts combined in the Pacific Northwest. While we have lost record of our standing to date of this important practice, it grows popular every year, especially with the recent turn to wind strip cropping in the North Morrow area. Some who have established such strips in the past few years are D. O. Nelson, Andy Van Scholack, Verne Troedson, Dave Baker, Gar Swanson, Franklin Lindstrom and sons, to mention a few. An example of some of the practices that are being applied on the land come from progress reports given at the past several soil conservation district meetings.

Late this spring the district added a number of new cooperators including L. B. Ledbetter with 10,000 acres, Van Scholack Bros. 8,290, A. C. Warren 5,955 acres, S. Harold Beach 2,400 acres, Franklin Lindstrom and Sons 3,500 acres, Alvin Bunch

Roundup Adding Horse Reining

A new event has been added to the 1963 Pendleton Round-Up program come September 11, 12, 13, and 14. It is the stock horse reining contest. This is an event, fast rising in popularity, especially in the midwest, Southwest and California and will be introduced to the Pacific Northwest at the Pendleton Round-Up.

Leonard King, arena director, stated that a purse of \$1,500.00 will be awarded with entry fees of \$75.00 added to the purse. Entries already are slated from California and the Southwest with a possibility of 40 of the nation's top horses being entered.

Eliminations will be run at the Mustang Riding club grounds each morning starting at 8:00 a.m. Five horses will be picked from the morning contest to compete for the daily finals in the Round-Up arena each day of the show with the champion being decided at the finals on Saturday, September 14.

Stock reining is a fast and exciting contest with a time limit of 2½ minutes for each contestant. The contest will feature the best in reining and cutting and is a skill demanding close cooperation between horse and rider.

Don Dryer of Portland is awarding the H. A. Dryer Trophy which is valued at \$1,400.00 and is in memory of his brother who was an ardent horseman and horse lover. Permanent possession of this trophy will be gained by winning it three times.

Mr. and Mrs. Bob Mollahan and boys all of Biloxi, Miss., are visiting with their parents, Mr. and Mrs. Pat Mollahan. Bob is awaiting orders for Air Force duty in Germany. Also visiting last week-end was another son and daughter-in-law, Mr. and Mrs. Larry Mollahan, and family, San Francisco, Calif.

2,928 acres in a basic conservation plan, and Elmer Palmer with a revised conservation plan of 3,863 acres. During June, Jeff Walker signed as a new cooperator and two conservation plans were completed covering Kenneth Palmers ranch of 1,713 acres and Charlie Jackson 5,175. At the same time, technicians assigned to the district surveyed 800 ft. of diversions at the Bob Jepsen ranch, 2,485 feet of surveyed channel on the Howard Cleveland ranch and 500 ft. of channel surveyed by Jeff Walker. Conservation practices completed were 14 acres of land leveling at the John Hanna ranch, 2 acres of land smoothing at Pat Mollahans, a farm pond for Rudy Bergstrom, a field trial seeding of creeping meadow fox-tail at the W. Hughes ranch, and seven farmers made pasture and hay land plantings on 83 acres that recommendations were given for. The supervisors at their regular July meeting approved a scholarship for a delegate to the Youth Range Camp, a practice they have followed for several years. They also approved formal application to ask for a survey by the Soil Conservation Service in the Rhea Creek Watershed, which has been under advisement by a committee of interested persons for several months.

OSU to Start New Business Magazine

The Oregon State University School of Business and Technology will begin publishing a quarterly business magazine, "Northwest Business Management," in September.

Plans for the new publication were announced by Dr. Clifford E. Maser, dean of the school.

Articles in the magazine will be aimed at practical management problems of small and medium size business firms in the Pacific Northwest, he said. Authors will include faculty members to OSU and other universities and prominent executives in business and government.

First issue article titles will include: Your Market May Be Larger Than You Think, Break-Even Analysis—A Key to Profit Control, Providing Capital for Your Firm, Records Protection, Improving Your Plant Layout, Are You Kidding Yourself About Your Profits?, and The Job Description: A Valuable Tool for Small Business.

Young Oregonians May Apply Now For Trips Abroad

Young Oregonians — between 20 and 30 years of age—who desire to contribute to better world understanding are invited to apply for expense-paid trips overseas as International Farm Youth Exchange delegates.

Two men and two women will be named for 1963-64 trips after interviews at Oregon State University, Aug. 9 and 10.

Qualifications for applicants are these: must be single, a high school graduate, have some familiarity with farming or agriculture, and be willing to adapt to home situations in other lands. A foreign language is desired but not required. IFYE's spend four to five months in a host country living with assigned families for two to three weeks—long enough to get the "feel" of the country and its people. An IFYE shares with the family as a family member in work and leisure activities. Oregon has sent 46 young adults to 31 countries in the 12 years that OSU has sponsored the program.

Money for the trips comes from four sources—interested individuals, mainly 4-H groups, businesses, the Oregon Bankers Association, and the National 4-H Sponsor's Council.

IFYE's will be selected by personal interview, largely based on their attitudes for and concerns with other people, says Ruth Brasher, state 4-H agent.

A few countries have particularly requested IFYE's who are of con-Caucasian descent and American Indians so persons who might qualify are asked to apply. Application blanks may be obtained from county extension agents or from Miss Brasher at the State 4-H Club office, OSU.

Grace Elliott, Astoria, will leave Oregon for Australia in September as an IFYE in the 1962-63 program. Already in host countries are Don Anderson, Colton, Germany; Suzanne Lozier, Enterprise, The Netherlands, and Dean Wimer, Brownsville, Ireland.

Low Protein White Wheat Needed for Japanese Market

Steps which wheat growers and dealers can take to satisfy Japanese demands for low protein white wheat and preserve the dollar-rich Japanese market for Oregon soft white wheat were outlined this week by Norman Goetze, Oregon State University farm crops specialist.

Japanese buyers have expressed concern over prospective 1963-64 shipments of Western White Wheat blend because of high protein content and gluten strength which presents problems in its use for biscuit and pastry purposes.

This development has been watched with great interest by the Australians who have offered Japan 100,000 tons of soft wheat with a maximum protein content of 8.5 percent, Goetze pointed out.

He explained that the marketing problem has developed because of a shift in production from the disease-susceptible White Club varieties to higher yielding common varieties, even though the Northwest grows some of the cleanest wheat with the lowest moisture content of any place in the United States.

Most of the soft white wheat moving through Columbia River ports is in the Western White Wheat sub-class, he said, which is a mixture of White Club and common white wheats. The composition of the blend is closely related to the amounts of the two types grown in the Pacific Northwest.

Indian and Pakistan, also large markets for Northwest wheat, will take shipments with higher protein levels, explained D. D. Hill, administrative assistant, Western Wheat Associates. Higher protein wheat is actually more satisfactory in Indian for the manufacture of chapatti, a tortilla-like bread, he added.

Agronomists at this time don't really know how Gaines, a widely planted new variety, will vary in protein strength among Oregon wheat producing areas, Goetze said. Samples will be taken this season by the OSU

Extension Service and tested by the Oregon Wheat Commission to aid in blending wheat for a more discriminating market, he added.

For the 1963 marketing year, Goetze expects the Western White Wheat blend to contain a lower percentage of the White Club varieties. To meet this problem, the Oregon Wheat Commission, Oregon Wheat League and Western Wheat Associates have suggested the trade take steps to insure that The Philippines contain at least the blend bound for Japan and 50 percent White Club varieties.

Suggestions outlined for this marketing year include:

1. Keep White Club varieties separate from common varieties in both farm and elevator storage.
2. Unsatisfactory semi-hard varieties, such as Burt, be kept out of Western White.
3. Where possible, both White Club and common varieties should be separated and stored on a protein basis. The suggested dividing line is 9 percent protein on a 14 percent moisture basis.
4. Excellent milling quality common white wheat varieties, like Golden, should be separated from other varieties.

There is a good likelihood, Goetze said, that White Club or any soft white wheat having low protein content may command sizeable premiums during the 1963 marketing, although this is not known for sure at this time.

Busy Bee Club Meets

The fourth meeting of the Busy Bees 4-H club was held June 24 at the Ione Catholic church basement. Kathy Keene gave a report on health. We met for an all day meeting and took a sack lunch. We worked on our dress projects.

Mr. and Mrs. Alfred Pearson and son, Larry of Boston, Mass., visited here last Thursday. They were residents here seven years ago when he was employed by the State Highway department. His sister, Mrs. Affie Lyra, La Grande, accompanied them. They visited Mrs. Clara Gertson, the Bill Farras, the William Cunningshams, and the Bill Blakes.

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PUBLIC NOTICE OF RATIO

The State Tax Commission meeting as the 1963 state board of equalization has found that the 1963 ratio of 25% posted by the assessor of Morrow County and approved by the Morrow County board of equalization is above the ratio based upon ratio studies of the State Tax Commission.

The State Tax Commission has subscribed its ratio in place of the 25 percent ratio as required by ORS 309.410. The ratio substituted by the State Tax Commission is 19 percent.

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