

Cattle Movement Studied

What happens to Oregon's cattle? To what use are they put? Do they go to Oregon feed lots and eventually end up in the state's slaughter plants? Do they remain on the range or are they shipped out of state? The Oregon Department of Agriculture will begin probing for these answers in a new marketing service matching funds project starting this year on cattle movement.

This project, which will utilize information available from the brand inspection service of the department, is a cooperative one between the Agricultural Marketing Service of the U. S. Department of Agriculture and the Oregon Department of Agriculture.

It is one of four matching fund projects in which the department is participating. The experiment station at Oregon State University is also participating in the other three. The federal government's contribution this year for these four projects is \$19,600.

The other three besides the cattle movement are specific gravity separation of potatoes, a virus-free nursery stock project and a project to determine the reliability and reproducibility of fluorescence testing in the marketing of ryegrass seed.

One other matching fund project was completed during the 1963-64 fiscal year. This was on packaging material for storage and shipment of seeds.

Through the project on specific gravity separation of potatoes an experimental machine that separates the heavy solids potatoes from those with lower solids has been developed. This is done by running through a salt solution of desired density in which the potatoes with heavy solids sink to the bottom.

This is beneficial in marketing because the heavier solids content potatoes are better for baking and French fries, while the lower solids potatoes are better for hash browns, patties and boiled potatoes. Last spring brief retail merchandising trials were made in the Portland area and this marketing season pilot mer-

chandising trials are planned for that area.

Object of the virus-free nursery stock project is to assure that Oregon nurserymen can propagate virus-free plants. The project has covered cherries, prunes, peaches and apples. Procedures, methods, and in most instances, varieties of cherries, prunes and peaches have now been found or developed to furnish and maintain virus-free budwood of all major varieties.

Another phase of the virus-free project is being carried on with funds from Oregon nurserymen. This is in rose viruses.

The project on determining reliability and reproducibility of fluorescence testing in the marketing of ryegrass seed was initiated last season.

It is the result of an amendment to the Federal Seed Act requiring all ryegrass seed sold in the United States to be labeled as to content of annual and perennial seeds, based on results of a fluorescence test.

Preliminary surveys and reference tests indicate a wide variation of test results among laboratories, seed lots, various fluorescence levels and replications within a particular seed lot. This study will require several years for completion.

The seed storage project recently completed showed 10 mil polyethylene the best material for moisture resistance, while burlap with four mil liner and laminated paper with polyethylene bags were the best for maintaining seed viability and germination qualities. Sealing methods did not affect the viability of seeds but did cause significant difference in seed moisture.

Returning to Heppner Tuesday to renew old acquaintances and see the fair and rodeo is Ed Hale. He lived here in 1900, left 50 years ago but still recalls many old friends still living here. He retired six years ago and makes his home in Tacoma, Wn. He was met in Arlington by Bob Dobbs and will visit here until Saturday.

FARM NEWS

County Agent's Office

Wheat Protein Variable Over Morrow County

By N. C. ANDERSON

The first 60 samples of wheat picked up from various communities throughout the county for protein tests have been analyzed and results returned to this office.

While there is much work to be done in correlating protein with date of seeding, amount of nitrogen used and yield, of the 60 sampled, high protein was 12.5% from a sample of White Federation grown in the north Lexington area. Gaines, the most frequently sampled, provided both the highest, next to White Federation. The lowest high protein test was 11.9% from a sample taken from the south lone area, the lowest 6.34% grown in the Eightmile area. Thirteen samples of Burt tested from 11.3 to 7.2%. High protein in this variety was delivered from the Pine City community, lowest from the north Lexington community.

Five samples of Omar ranged from 11.3 to 8.2%. High protein came from the Eightmile area, low from Heppner Flat. Nine samples of Fortyfold ranged from 10.0 to 7.0% protein, with the high test coming from Eightmile area. Low test was delivered from the Sandhollow community. One sample of Turkey from the Pine City area tested 9.8, one Brevor from the Lexington community 10.7, one Regua from Pine City 11.3 and one sample of Orfed from the north lone area 7.9%.

Contradictory to my first comparison of 1963 and '64 protein levels, 1964 protein is higher. In the 1963 protein analysis on eight Omar samples showed a low of 5.6 and a high of 7.4%. Four Gaines samples, high protein 10.2, low 4.9%. The one Brevor sample taken this year was from the same farm as that sampled a year ago. Last year this had a protein content of 5.7% compared to 10.7 this year. Two Fortyfold varieties in 1963 tested 5.5 and 7.3.

The Orfed sample taken this year was also from the same farm as in 1963 with a 1964 test of 7.9 compared with 9.6. The one Turkey sample taken from the same area as last year compared to 6.5 a year ago. Burt samples were also lower with a high of 7.4 and a low of 5.6.

This protein study is being done cooperatively between Oregon State University and Oregon Wheat Commission and is aimed at providing information for developing better foreign markets.

Emerit Uses 4-H Background As Aid in Advanced Study

It is always an enjoyable experience to have a visit with some of our past 4-H club members, especially when they stop by the office to indicate what 4-H training has meant to them as they go out into the adult world. Citizens of Morrow county should be well pleased with the training they are offering these boys and girls through 4-H and what it has meant in preparing them for the future.

We were especially pleased last week to have an opportunity to visit with Skip Emerit, lone, who graduated this spring from Willamette University with a major in sociology and anthropology. During his senior year at Willamette, he worked on a special project at the Oregon State School for the Blind.

Last winter we were happy to write a letter of recommendation for him as he applied for the Peace Corps with special interests in community development overseas. While he had been offered a position with the Peace Corps to work in Bolivia, a recent grant to the U. S. Government has made it possible for him to continue the projects that he was interested in last year in working with multiple handicapped children. He will continue on this project, taking some work towards his masters degree in Community Development.

During the interesting visit with Skip last week, he indicated his appreciation for what he had learned in 4-H.

National Ram Sale in Ogden Brings Out Spirited Bidding

A new experience was gained last week by attending the 49th annual National Ram sale in Ogden, Utah. Making a fast trip to Provo during the middle of the week, I found the sale in progress so took the opportunity to sit in on a part of the Thursday morning auction. This, the largest of all ram sales in the world, is a fast moving event which takes two days of fast selling to dispose of the over 700 head of rams consigned by breeders from throughout the country.

White face range rams were being sold on Thursday morning when I attended the sale. These were bringing in the neighborhood of \$125. While no record top prices were made at this sale, the Ogden price of \$25.10 per hundred for lambs last week did much to bolster the enthusiasm of sheep growers.

Some stud rams of Hampshire and Suffolk breeding sold for as much as \$800. It was interesting to sit in the bleachers and hear the auctioneers cry the days' sale and watch the spirited bidding. Some excellent quality rams from top breeders were offered.

License Needed for Commercial Sale of Nursery Stock

Word comes this week from Oregon State University and the State Department of Agriculture warning senior citizens and others who feel they need to make some extra money. The scheme is a sale of nursery stock with a promise to buy back the shrubs at the end of three years. In studying the contract, there is much to be desired. As a result of this activity a nursery supply company in Tigard has been served with a complaint of selling nursery stock without a license.

Ralph Clark, Extension Horticulture specialist, OSU, advises that before anyone sign an agreement to raise nursery stock

Morgan Attends Denver Wheat Meet

In preparation for the upcoming convention of the National Association of Wheat Growers, to be held in Portland in January, three representatives of the Oregon Wheat Growers League are attending an executive committee meeting of the national farm organization in Denver this week.

Representing the Oregon wheat group are Milton Morgan, lone, OWGL president, Allen Tom of The Dalles, vice president of the national association, and John Welbes, Wheat League executive vice president. The three will participate in various farm policy discussions at the 12-state quarterly meeting, but planning for the national convention in Portland will top their agenda.

"We anticipate that over 600 wheat growers and their wives will attend our national meeting at the Sheraton Motor Inn," Morgan announced before departing for Denver. He also expressed optimistic hope for the attendance of a "high Government personage" to address the Portland assembly. "Of course," he said, "this would depend upon the outcome of the November election and other factors."

The National Association of Wheat Growers convention is scheduled for January 4-8.

for a company under such a contract should discuss this with an informed source.

Current Barley Prices Hold Above Year Ago

While feeders are complaining, barley producers should be happy with the current barley prices as quoted at the time this item is being written. The current quotation of \$46 to \$46.50 a ton for number 2 Western barley f.o.b. Portland is up \$5.00 from a year ago.

Smaller carry-overs and an even smaller new crop harvest than in 1963 figure in this year's higher priced level for barley. This quotation was \$6.00 a ton higher than the net loan in Portland. With the exceptionally good test weights received this year, our growers should net top prices which in many cases will be comparable to net income from wheat.

With newer barley varieties, many will need to sharpen their pencils and do some accurate figuring before determining how to use the substitution clause provided in the 1964 farm program.

MCGG Receives 1,600,000 Bushels Of Grain to Date

Grain received from the 1964 harvest as of August 17 by Morrow County Grain Growers totaled 1,600,000 bushels, including both wheat and barley, Al Lamb, manager, said. About one million bushels of wheat had been received and 600,000 bushels of barley.

Approximately 300,000 more bushels were estimated to come in to the cooperative, Lamb said. Last year MCGG received 2,500,000 bushels of grain. Thus, the estimate is that the total will be down some 600,000 bushels this year.

The manager said that average yield on wheat appears to be 25 to 30 bushels and average on barley is running 1600 to 2000 lb. to the acre.

Some crops have been very good and some have been very poor—hardly worth harvesting, Lamb said.

Last week's rain brought another delay to the finish of harvest for those who had not already completed. Many farmers were caught with just a day or two to go.

Miss Cecilia Healy of Portland visited with her mother, Mrs. Annie Healy and other relatives last week. She also attended the Shriner's football game in Pendleton on Saturday, returning to her home in Portland on Sunday.

Cattle Association Names Steven Rhea

Steven Rhea, Lexington, has been named to junior membership in the American Hereford Association, the world's largest purebred registry organization, with headquarters in Kansas City, Missouri.

Fifty-four junior Hereford breeders were placed on the Association's official roster during July. The Association maintains active accounts for more than 60,000 breeders of registered Herefords over the nation.

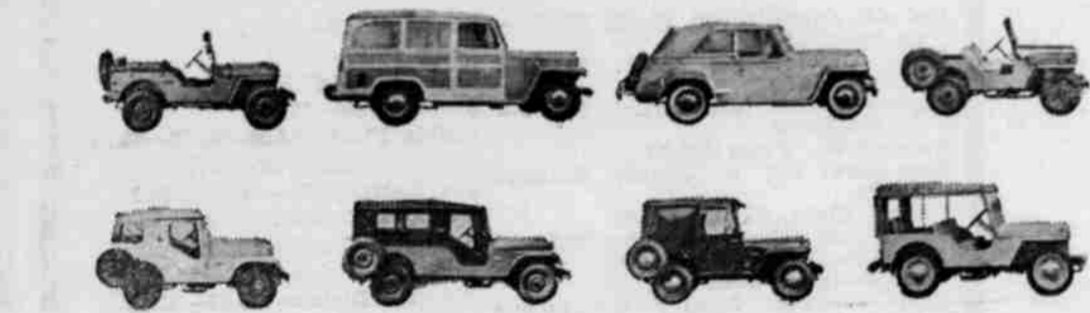
The Hereford Association, during the last fiscal year, recorded 513,076 purebred calves. The year's total recordings were the fifth highest on record and almost twice the combined registrations of other major beef breeds.

Mrs. Morgan Connor and children of Goldendale, Wn., were in Heppner last Thursday on business.

We're your local supplier for
TYLAN 200
the NEW
antibiotic for
beef cattle

**HUMPHREYS
REXALL DRUG**

Texas Refinery Corp.
Industrial Roofs
METAL ROOFS SPECIALTY
All Exterior Coatings
FREE ESTIMATES
ROBERT GUILD, ADVISOR
PENDLETON, OREGON
715 S. MAIN PH. 276-1393



Evolution



Revolution

The world-famous army 'Jeep' vehicle started it all. Then came the evolutionary changes. Sensible changes. Like more ground clearance. Stronger suspension. Weather proof tops. Fun changes. Like pink and white striped upholstery. Fringed sunroofs. Lively colors. A sports roadster. A station wagon—rugged, durable, designed for work and play.

Then came the 'Jeep' Wagoneer. A revolution! The Wagoneer is so revolutionary, it's hard to recognize your old 'Jeep' friend. It's a station wagon. And a looker! You'll be stunned. Slide into that luxurious interior. Beautiful. Comfortable. Visibility unlimited!

*Optional items at slight extra cost.

DRIVEPOWER™ is Wagoneer station wagon's new, improved and exclusive 4-wheel drive system.
ALL NEW 'JEEP' WAGONEER

See your 'Jeep' dealer and take a demonstration drive today.

FARLEY MOTOR COMPANY HEPPNER, OREGON

See 'Jeep' vehicles in action in **"THE GREATEST SHOW ON EARTH"** (Tues., 9 p.m. Ch. 25)

Turn the ignition key. You've got an overhead cam engine purring for you. The only one in any American production car. Try that steering. Power. The brakes. Power again. The transmission. It's automatic. Feel that ride. Pure luxury.

And the 'Jeep' heart and spirit are still there. Pull one simple lever and you're in 'Jeep' 4-wheel Drivepower. Then there's hardly a hill that can keep you down... hardly a mud hole that can bog you down. In fact, there's scarcely any driving situation that can get you down. You're free to go anywhere with the traction to pull you through.

KAISER JEEP CORPORATION Trade-In, One



Your Merchant
With Charge Account Service Is

Your Friend!
IF YOU

Keep his friendship, and build a good record for the **NEXT RED BOOK**. Always pay by the 10th of the month.

You do not want the adjustment department collecting from you. Pay your slow accounts, and keep our Collector away.

CREDIT BUREAU OF Umatilla-Morrow County
306 S. E. Court St.
P. O. Box 162
Pendleton, Ore.

See The New Custom Made Upshaw TRACTOR CAB

At The Morrow County Fairgrounds
Made By Potter and Upshaw, Condon

Models Available For

- International
- Caterpillar
- Allis-Chalmers
- John Deere Wheel Tractors

COMBINE CABS

Also For All Models

FULL

Air Conditioning Or Blowers

Available on

ALL MODELS

See Us For Your Cab-

We Will Stock The One You Need

We Are Prepared To Supply You With:

- Custom or Factory Truck Beds
- Straw Dumps
- Hitches
- Steel
- Hiel Hoists
- Cat Walks

Call or Contact

Potter & Upshaw

WELDING SHOP
SAM and DEAN

P. O. Box 591

Condon, Oregon

Ph. 384-6481