

Bushel Measure Takes Back Seat As Basic Weight

Despite some opposition during 1957, several interested organizations will meet to plan the switch from the bushel to hundredweight in grain trading.

Already the USDA has announced plans to use the hundredweight as the basis for its grain loan program, effective July 1, 1958. And, according to American Feed Manufacturers association spokesmen, the campaign is gathering momentum around several grain handling industries.

Those favoring the switch in grain trading measures say the bushel is not a measure of weight. "There is no commercial scale in the United States, possibly in the world, that weighs bushels—this

Farm Egg Cooler Is Boon to Quality

The experiment station at Oklahoma State University, Stillwater, says two experimental egg coolers demonstrated the value of on-the-farm cooling in 1956.

One cooler had a six-case capacity; the other held 25 cases. During the period from May to September, with a refrigerator temperature of 60 degrees and an average environmental temperature of 91 degrees, 20 percent more grade A eggs were marketed from the refrigerated than from the non-refrigerated storage.

leads to errors in conversions from scale weights in pounds to bushels and back again."

The proposed date for changing all grain trade from bushel to hundredweight is July 1, 1958.

CLASSIFIED FOR RESULTS



4-H CLUB ACTIVITIES

By County Extension Agents

Achievement Meetings

Three communities had their 4-H achievement meetings last week, and others are arranging to have theirs in the near future.

Over 75 4-H members received their 4-H achievement pins and certificates at the Cairo meeting last Friday. This was a joint meeting for the Lincoln, Valley View and Cairo communities; and was sponsored by the newly organized Cairo PTA. Twelve leaders also received achievement awards at this meeting. Lynne Hoffman was mistress of ceremonies and introduced the various numbers.

Last Saturday night the Willowcreek 4-H clubs held an achievement meeting and party at the Willowcreek Grange hall under the direction of Mrs. Marge Griffin and the other Willowcreek 4-H leaders. Over 50 club members and leaders received their achievement awards. After presentation of pins and certificates, interested boys and girls enrolled for the 4-H projects they plan to take this year.

The Jordan Valley PTA sponsored the achievement meeting for their youngsters on Tuesday, Oct. 1. There were 17 club members and 4 leaders who received their awards.

A record number of 4-H members in the Willowcreek and Lincoln communities received special awards for completing ten years of 4-H club work. The Willowcreek members were Betty, Doris, and Anne Simpson, Lynette Pershall and Della White. The Lincoln members were Karen Ross and Elza Markham. This is the largest number of ten year completions we have ever had in Malheur County in any one year. These girls all received the special 4-H necklace made up by the National 4-H committee for Oregon 10 year members, and pre-

Farm and Barn News and Views

By Leroy Pulliam

The price a farmer can afford to pay for pigs depends on the value of the finished hogs, cost of raising them and death loss.

The farmer's first step toward figuring potential profits is to estimate the price at the time he will sell the hogs and their probable weight. For example, 35-pound pigs bought in late May to sell in October may weigh 225 pounds and sell at \$20. The estimated weight is based on experience with rate of gain and the price is a forecast. The expected income or net value is 225 pounds times \$20 per hundredweight or \$45.

Probable costs should be estimated next. Figures vary from year to year and farm to farm. But the experimental results show the farmer uses about 350 pounds of corn and 50 pounds of protein supplement to add 100 pounds of weight. This would be a total of 665 pounds (about 12 bushels) of corn and 100 pounds of supplement to increase the 35-pounders to 225 pounds.

With corn at \$68 per ton the cost for 665 pounds would be \$22.61. Barley has 93% the feeding value of corn and with barley at \$45 per ton, the cost for 711½ pounds of barley would be \$17.78. With supplement at \$5 per hundredweight the cost would be \$27.61 for corn and \$22.78 for barley.

We will use barley as feed for figuring the rest of the expenses.

Feed is the largest cost item but labor, shelter, equipment, interest and veterinary expense count, too. Usually these amount to one-fifth of the feed cost. This is \$4.57, bringing total production costs to \$27.35.

Difference between income and total cost is the first estimate of the price a farmer can afford to pay for a feeder pig. This is \$17.65.

But this figure should be adjusted for death loss. Probable survival rate is multiplied by the margin over cost per pig. If the feeder expects a death rate of 5 percent, this means a survival rate of 95 percent. Multiplying margin per pig by 95% gives a price per pig of \$17.65.

If this price is paid for a feeder pig, the farmer can expect to get market price for his feed and average wages for his labor and to cover all his costs for shelter, equipment and other items. When a pig may be purchased for less than \$16.78, the difference constitutes a profit.

sented by the First National Bank of Portland through their local branches.

Additional 4-H achievement meetings are scheduled for Arook on Oct. 12, and for Grove on Wednesday, Oct. 16. The Arook meeting is being featured as part of the Arook Grange Booster night program, and the Grove meeting is sponsored by the Grove 4-H clubs.

Completions In

Although it is too early to tell for sure, it begins to look as though 4-H completions for the year may be above the figures for last year.

Quite a number of completion cards have been coming in during the last week or so, with some additional club reaching the coveted 100% mark. Completion cards must be in before members are eligible for their achievement awards.

Final figures for completions will be available in the next week or so, as we finish compiling all our statistical records for 4-H work during the past year. These statistics, together with a narrative report, make up our 4-H "record book". This annual report is prepared each year to give a final accounting of 4-H enrollment, projects, and activities.

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Oregon Trail Grange Selects Officers for Year

Oregon Trail Grange held its regular business meeting Thursday evening, Oct. 3, with Master Robert Holmes presiding.

Plans were made for a pot luck dinner to be held Nov. 7 honoring 4-H members and their parents. Achievement awards will be given at the annual affair by E. M. Hauser, county 4-H club leader.

George Coleman reported on the State Grange meeting he attended in Vale Sept. 26, theme of which was "Operation Forward."

A canning contest among grange members will be held at the Boulevard Grange Oct. 21, with prizes to be awarded to the winners.

Newly elected officers for the coming year were announced as George Coleman, master; Robert Holmes, overseer; Mrs. Gertrude Stam, lecturer; Bill Gardiner, steward; Russell Gressley, assistant steward; Mrs. George Coleman, chaplain; Mrs. A. A. Jamieson, treasurer; Mrs. Fern Runcorn, secretary; Frank Sherwood, gatekeeper; Mrs. Tom Drydale, Ceres; Mrs. George Cleaver, Pomona; Mrs. Fern Runcorn, Flora; Mrs. Russell Gressley, lady assistant steward.

Executive committee includes Loyd Adams, George Cleaver and Frank Parr. Loyd Adams is hall board chairman.

Oregon Trail Home Economics club will meet at the Frank Parr home Oct. 15 at 2:30 p.m. Scheduled Saturday evening card party will begin at 8:30 p.m.

Oats for Ensilage High in Nutrition

Oats harvested as silage produced 48 percent more total digestible nutrients (TDN) per acre than did oats for grain in 1956

University of Minnesota research. Oats as silage averaged 2374 pounds of TDN per acre, while oats put in the grain bin averaged only 1609 pounds TDN. The increase in feed value of oat silage was equal to 17 bushels of corn or 33.9 bushels of oat grain.



Col. Bert Anderson

FARM and Ranch SALES

Conducted by Col. Bert Anderson, Ontario 556-W; Col. Guy Sparks, Nyssa 7775, and Clerk Ron Christensen, Ontario 1162.

Listen to KSRV at 11:50 every day for Farm and Ranch Sale News!



Col. Guy Sparks

Monday, Oct. 14 at 1 p.m.—Plan to attend the Frank Hughey dairy sale, located 1 mile south and 2 miles east of Fruitland, Ida. 42 head of Holstein and Guernsey dairy cattle, consisting of 13 heavy springers, 15 cows just fresh and milking now, 14 heifers from 3 to 12 months old. Purebred Ayrshire bull, 3 years old. 3 Holstein steers, 1 year old. Majority of these cows are calfshead vaccinated and all are tested clean. 24 10-gallon milk cans.

Tuesday, Oct. 15 at 12 noon—Charles W. and David Deacons public farm sale. Located 10 miles north of Ontario on highway 30, then 1 mile west. 49 head of Holstein and Guernsey dairy cattle. 8 springer cows; 30 cows milking now; 5 Holstein heifers, 16 to 18 months old; 6 Guernsey heifers, 16 to 18 months old. These cows are out of artificial insemination breeding and are bred back artificially. 1955 model 850 Ford tractor, 980 hours, just like new. Dearborn cultivator, International 10-ft chopper, cob crusher and belt. John Deere 6-ft. combine, 2-unit Surge milker, 32 ten-gallon milk cans, 100 tons of alfalfa hay, extra good, to be sold in 50-ton lots. 10 tons of good grass hay.

Thursday, Oct. 17 at 1 p.m.—Don't miss the Joe Stith Holstein dairy sale. Located 5 miles east of Nampa on highway 30 to Black Cat sign, then 1 mile south. 45 head of Holstein dairy cattle. 22 cows now in production. 5 cows heavy springers. Holstein bull, 15 months old, out of Cache Valley (Utah) breeding. Holstein bull, 11 months old, out of Cache Valley breeding. 6 Holstein heifers, 6 to 10 months old, vaccinated; 10 Holstein heifers, 2 to 3 months old. These cattle are vaccinated and tested clean. Public welcome to see these cows before sale day.

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