

Dairy Housing Role In Milk Quality Studied by College

Oregon has an untapped source of good clean milk that could be made available by changing dairy housing requirements in case of Grade A fluid milk shortage, according to Oregon State college dairy scientists.

A research team from the OSC experiment station has completed three and one-half years of tests on factors affecting quality of milk. Among the findings is the fact that dairy housing has only an indirect effect on milk quality. They report that fully 50 percent of the factory milk producers included in their tests throughout the state met grade A requirements except for housing. That is, much of the factory milk tested for bacterial count was within the 80,000 bacteria per milliliter upper limit set by Oregon law for grade A raw milk for pasteurization. A total of 171 Oregon farms were included in the test.

These statistics show that some dairymen are kept from producing grade A milk simply because of useless housing restrictions which call for expensive barns. Since there is some doubt as to where Oregon will get the fluid milk to supply its increasing population in future years, the OSC results may prove important to the dairy industry.

More production per cow is still regarded as the number one method of increasing the milk supply, but the scientists believe that more practical housing regulations combined with use of cheaper, more efficient types of housing for dairy herds also are important.

Agricultural engineers at OSC recommend a pole frame loafing shed and a milk parlor as an efficient dairy housing setup. There is evidence that this type of construction can be had for less than half the cost of some of the large, modern barns.

Lab Research at OSC Covers Fifty Forest Products

Fifty major research projects have been under study at the Oregon forest products laboratory, according to the forth-coming 1931 annual report.

Intensified research has been carried out on Douglas fir bark utilization durability of various species of wood, sawdust-consuming operations and many other projects concerned with the utilization of forest wastes.

The laboratory is a state-owned, tax-supported research agency with the yearly forest research budget involving more than \$265,000. It is financed mainly by a severance, or timber harvest, tax amounting to 5 cents for every 1000 board feet of timber cut.

Sixty percent of this timber harvest tax is received by the laboratory and the other 40 percent goes to the research division of the state board of forestry. Other sources of income include the general fund, cooperative grants from industry and anticipated royalties from laboratory patents.

Hebron Grange

By Mrs. Gale Roby

The Hebron Grange Home Economics club food booth at South Lane Fair was a complete sell out Friday and Saturday. More of everything could have been used, more food, more help and more space—everything but more customers. Due to limited serving space customers had to be turned away. The menu included home cooked chicken dinner, taverns and home made pies.

At the August 19 meeting of Home Economics club held at the hall it was asked by chairman, Mrs. Nellie Harris, that members make candy for the grange youth carnival to be held September 13. Appointed on the committee for the carnival fancy work booth were: Mrs. Melvye St. Elmo, Mrs. Inez Cramer and Mrs. Olive Lindstrom.

Money is to be brought to the next grange meeting, September 6, for the club Christmas card order. Serving refreshments at next grange meeting will be Mr. and Mrs. Adolph Lindstrom and Mr. and Mrs. Walter Baker.

Hostesses for the September meeting of Home Economics club will be Mrs. Lindstrom, Mrs. St. Elmo and Mrs. Marian Chapman with the meeting to be held at the home of Mrs. Lindstrom at Divide. It will be an all day meeting September 23.

Farmers Home Unit Advises on Loans

County Supervisor William E. Walsh of the Farmers Home Administration with offices in the post office building in Eugene, states that his agency serves that group of farmers who are unable to obtain financial assistance from banks, Production Credit Association, Federal Land Banks, or other responsible cooperative or private credit sources at reasonable rates and terms.

Operating loans are made for the purchase of seed, fertilizer, livestock, feed, equipment, and to meet the necessary farm and home operating expenses. These loans bear five per cent interest and are repayable in from one to five years.

Irrigation Loans

Water facilities loans are made for the installation, repair, or improvement of farmstead facilities or irrigation systems. These loans bear three per cent interest and repayments are scheduled to be made as rapidly as possible in accordance with the ability of the borrower to repay, but the repayment schedule may not exceed the useful life of the facility or ten years, whichever is the lesser.

Supervisor Walsh also states that the Farmers Home Administration has a farm housing program to build or repair farm houses and other farm buildings.

SEED CROP BELOW NORMAL

Cone crop records from the ranger districts on the national forests of Washington and Oregon indicate a light crop of commercially important species this year, according to R. W. Cowlin, director of the Pacific Northwest forest and range experiment station, Portland.

POLE FRAME BUILDINGS FIND FAVOR IN OREGON

Oregon farmers are showing a growing interest in pole frame out-building, M. G. Huber, OSC ex-

tension agricultural engineering specialist, reports.

Pole frame construction reduces the cost by about one-half over the conventional building method,

the specialist explains. It can be used for dairy and beef cattle, loafing sheds, for hog houses, sheep sheds, poultry houses, machine sheds and other miscellaneous types of farm shelters.

In putting up these buildings, pressure-treated poles or poles treated with wood preservative are set in the ground to serve as

the first part of the framework. These treated poles will last from 35 to 50 years or longer.

Plans for a one-story pole frame farm building 24 feet wide, and for a large pole frame barn, 52 feet wide, can be obtained from county extension offices.



"Hot Dog" Special

Wieners Skinless	lb.	59c
Buns Wiener	1 doz.	20c
Buns Hamburger	1/2 doz.	20c

Paper Plates		
Bondware white	pkg. of 40	49c
Plastic Forks	pkg. of 12	15c
Plastic Spoons	pkg. of 12	15c
Zee Wax Paper	125-ft. roll	27c
Dixie Cold Drink Cups	pkg. of 7	10c
Dixie Hot Drink Cups	pkg. of 6	15c
French's Mustard	6-oz. jar	11c
Steinfeld's Dill Pickles	12-oz. jar	22c
Columbia Sweet Pickles, whole	pt.	35c
Columbia Kosher Dills	32-oz. jar	39c
Columbia Dill Pickles	56-oz. jar	59c
Lunch Box Sandwich Spread	pint	34c
Nu Made Mayonnaise	quart	59c
Morton Salt Miniatures	pkg. of 6	14c

ROXBURY CANDIES

English Toffees	8-oz.	19c
Jelly Strings	10-oz.	19c
Spearmint Leaves	10-oz.	19c

ZEE BRAND WHITE NAPKINS

Pkg. of 80 10c



Sliced Bacon Standard	lb.	49c
Fryer Turkeys Pan-ready	lb.	59c
Hen Turkeys Pan-ready	lb.	59c

STANDING RIB ROAST, choice	lb.	85c
BEEF ROUND STEAK, choice	lb.	98c
PURE GROUND BEEF, lean	lb.	65c
VEAL SHOULDER ROAST	lb.	69c
LAMB SHOULDER ROAST	lb.	65c
ASSORTED LUNCHEON MEATS	lb.	59c
FRESH RED SNAPPER, Pan-ready	lb.	39c
FRESH FILLET OF SOLE	lb.	59c

Fancy Fryers

Fresh Frosted Ready for the Pan	lb.	75c
Fresh Fryers Ready for the Pan	lb.	75c

FAMOUS BRANDS Smoked Picnics Lb. 49c

HALF OR WHOLE Silverside Salmon Lb. 39c

Prices in this ad are effective thru Saturday, Aug. 30

SAFEWAY

HAPPY HOLIDAY! with FUN FOODS from SAFEWAY



Fun foods are those easy-to-fix favorites that help everyone have a whale of a good time—in or out of doors. It's a long weekend (stores closed Monday), so we've planned this long list of values for you. Make your choices now! Enjoy barbecues, picnics, sandwich trays, salads and snacks—with these low-cost treats. And have a wonderful Labor Day holiday!

Potato Chips	Blue Bell	Reg. 25c Pkg.	19c
Pork & Beans	Van Camp's	2 No 300 cans	25c
Ripe Olives	Royal Grant or Grandee	No. 1 Can	19c
Tuna Fish	Torpedo Chunk or Grated	No. 1/2 Can	25c
Mayonnaise	Best Foods	Quart Jar	65c
Marshmallows	Snow White	6-oz. pkg.	3/25c

Morrell's Snack

12-oz. Can 39c

Cragmont Beverages

2 cts. 37c

DALEWOOD MARGARINE 2 1-lb. cartons 39c

KITCHEN CRAFT FLOUR 10 lb. pkg. 89c

ROYAL SATIN SHORTENING 3-lb. Can 71c

PURE CIDER VINEGAR Gallon 53c

Dry Limas Taste Tells No. 300 cans	3/25c	Chunk Tuna Bumble Bee No. 1/2 can	33c	Vermont Maid Syrup 24-oz. bot.	52c
Sugar Belle Peas No. 300 can	17c	Nob Hill Coffee 2-lb. pkg.	1.70	White Magic Soap 23-oz. pkg.	27c
Blackeye Peas Taste Tells No. 300 cans	3/25c	Airway Coffee 2-lb. pkg.	1.64	Dreft Detergent 15-oz. pkg.	31c
Pork & Beans Taste Tells No. 300 cans	3/25c	Edwards Coffee 2-lb. can	1.80	Ivory Snow M&M 12 1/2-oz. pkg.	29c
Pork & Beans Taste Tells No. 2 1/2 can	15c	Chiffon Toilet Tissue Roll	2/27c	Rinso Soap Famous 23-oz. pkg.	29c
Baked Beans S & W Brand 16-oz. can	19c	Zee Towels Paper roll	18c	Breeze Powder With wash cloth 15-oz. pkg.	31c
Kidney Beans Taste Tells No. 300 can	3/25c	Lemonade Bel Air Frozen 8-oz. can	16c	Woodbury Soap Reg.	3/25c
Pinto Beans Taste Tells No. 300 can	3/25c	Snowdrift Shortening 3-lb. can	79c	Cashmere Bouquet Soap Reg.	3/25c
Breakfast Sausage Rath 8-oz. can	35c	Chatham Cheese Mild 1-lb.	69c	Cheer Detergent It's Blue Reg. pkg.	31c

Valencia Oranges

ALL-YOU-CAN-BAG SALE

All you can get in the Toter sale bag at the display. Minimum weight around 9 lbs.

MARYHILL Hale Peaches 23 - 25-lb. lug \$2.49 lb. 15c

BARTLETT'S Canning Pears 28-lb. Box \$1.49

Only 79c

Italian Prunes flat	\$1.29
Ripe Watermelons lb.	3 1/2c
Seedless Grapes 2 lbs.	25c

LUSCIOUS CANTALOUPE	lb.	07c
SWEET YELLOW ONIONS	2 lbs.	19c
TENDER SWEET CORN	12 ears	49c
CRISP CUCUMBERS, tangy	lb.	10c
GREEN ONIONS, flavorful	2 bunches	15c
LEAFY HEAD LETTUCE	lb.	12c
U. S. No. 1 POTATOES	10-lb.	75c
U. S. No. 1 POTATOES	25-lb.	1.85

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They COUNT ON CANE! How about you?

GOING FISHING?



Before you do, take a moment to consider. Lots of things can happen—you might hook another fisherman, for example. It happens often and tremendous damage suits have resulted. Some accidents can't be prevented—but you can be sure of protection against the expense of a lawsuit as a result of some accident. Call today about our Comprehensive Personal Liability Insurance.

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