

ROGUE RIVER COWS LEAD IN AVERAGE BUTTERFAT YIELD

Poyer Has High Producing Herd And High Producing Cow For Month—Bohnert Has Second High Cow

The Rogue River Herd Improvement association led the other cow-testing associations of the state with an average butterfat production of 34.3 pounds, the latest compilation submitted to the state dairy extension division by W. D. Mongold, tester, shows. Two hundred and ninety-eight cows from 19 herds in this district were tested. The tests showed that 62 cows each produced over 40 pounds of fat, Mongold reported.

With dairying in the valley becoming of increasing importance, herd owners are jubilant over the results of the test, which bear out the assertion that this district is particularly adapted to dairy cow raising.

E. B. Poyer had the high producing herd and also the high producing cow for the month, a grade Jersey producing 1654 pounds of milk and containing 71.9 pounds of fat. William Bohnert had the second high producing cow of the month, a grade Durham, which produced 1181 pounds of milk containing 69.7 pounds of fat. The Meadowbrook Dairy, the only dairy tested having over 20 cows in the herd, showed an average production of 567 pounds of milk and 31.4 pounds of fat for the 24 cows, including the dry cows in the herd. Purered and grade Jerseys make up the Meadowbrook herd.

E. B. Poyer, with 20 cows, showed an average of 792 pounds of milk and 46.8 pounds of fat for his purered and grade Jerseys, and George H. Stowell, with 10 purereds Jerseys and grade Jerseys, showed an average milk production of 861 pounds, and 44.9 pounds of fat per cow.

Farm Properties, Inc., with 34 cows, showed an average milk production of 545 pounds, with 27.6 pounds of fat per animal. J. A. Manke's herd of 17 purereds and grade Jerseys produced an average of 643 pounds of milk, with a fat percentage of 34.6.

Cow Records Given.

Records of high producing cows for the period are given, with the breed, pounds of milk and pounds of fat.

Class A, mature cows making over 60 pounds of fat: William Bohnert's grade Durham, 1181 pounds of milk and 69.7 pounds of fat; E. B. Poyer's grade Jersey, 1007 pounds of milk and 63.8 of fat; W. L. Huxley's grade Holstein, producing 1289 pounds of milk and 64.2 of fat; L. H. Gallatin's purereds Jersey, 1200 pounds of milk and 60 pounds of fat; E. B. Poyer's grade Jersey, 1834 pounds of milk, 71.9 pounds of fat.

Class B, four-year-olds making over 45 pounds of fat: C. R. Natwick's

grade Guernsey, producing 890 pounds of milk and 87.5 pounds of fat; O. H. Stowell's purereds Guernsey, 991 pounds of milk with 82.9 pounds of fat.

Class C, three-year-olds making over 40 pounds of fat: Frank Schultz's purereds Jersey, producing 756 pounds of milk and 59 pounds of fat; Seegmiller and Williams' grade Jersey, producing 933 pounds of milk and 55.8 pounds of fat; G. H. Stowell's grade Guernsey, 1112 pounds of milk with 54.4 pounds of fat; and C. J. Hunter's two grade Jerseys, one producing 793 pounds of milk with 48.1 pounds of fat, and the other producing 815 pounds of milk with 48 pounds of fat.

Class D, cows two years old producing 35 pounds of fat, showing the five highest: J. H. French's grade Jersey, producing 875 pounds of milk with 55.9 pounds of fat; William Fern's grade Jersey, giving 973 pounds of milk and 54.5 pounds of fat; E. B. Poyer's purereds Jersey making 846 pounds of milk and 51.6 pounds of fat; Farm Properties' grade Guernsey giving 654 pounds of milk with 41.2 pounds of fat, and Seegmiller and Williams' grade Jersey making 648 pounds of milk with 40.8 pounds of fat.

The Rogue River Herd Improvement association record stands substantially above the next highest, the Linn-Benton district, showing a 30.7 fat production as compared to the 34.8 of the Rogue River standing. The fat content production ranged as low as 17.1, with the famed Tillamook district registering an average fat production of 20.94.

CHRISTIAN CITIZENSHIP SUBJECT OF DISCOURSE FIRST BAPTIST CHURCH

"Christian Citizenship" was the subject of the sermon Sunday at the First Baptist church delivered by Rev. W. A. Dawes. He read Rom. 13. "A two-fold citizenship of the heavenly kingdom, also of this world."

"Christians should be loyal subjects, examples of law abiding citizens," he said. "Law is according to the purpose and plan of God. For health, happiness and prosperity, persons must do certain things. If each one did what he thought right in his own sight, what a mess we would be in. The ideal form of government would be a theocracy. To be a Christian, a follower of good, an example of Christian citizenship, one should be a patriot 365 days in the year."

"We have a right to use the ballot box. Christ was an outstanding example, we read; he paid his taxes."

"See to it now that you give no cause for dissension; give no occasion for finding fault with Christians."

In the evening Rev. Dawes gave the closing sermon of a series based on the Book of Daniel.

VALLEY SCHOOL open second semester Jan. 27. Accredited nursery, kindergarten, grades 1 thru 8, Music, dramatics, art, dancing, French. Call Mary Foster, director, 986-R.

BUILDING PROGRAM IS LAUNCHED HERE BY FEDERAL MEN

(Continued From Page One.)

outlined for the principal cities. It was explained by John R. Towles, special assistant to the regional director in San Francisco. Mr. Towles was so successful in federal housing administration work in Arizona that he was lent to California and has now been assigned to Oregon. It was stated by H. A. Thierolf who presided.

Program Under Way
The campaign is to be launched in Medford immediately. Mr. Towles said, the federal agents to remain here all this week and to return for at least two days next week. Headquarters will be maintained at the Chamber of Commerce.

Letters explaining the finance features of the federal housing act are to be sent to everyone in the city, pamphlets distributed, placards placed about town, school contests conducted and intensive newspaper advertising programs carried out.

"With one of the finest daily newspapers in the country, with one of the most alert chambers of commerce secretaries I have ever met, Medford is going to forge ahead and it will be only a short time before Oregon is at the head of the list of states under title 2," Mr. Towles declared.

LIBRARY IS USED BY 2889 IN WEEK

During the week ended Sunday exactly 2889 persons utilized the Medford public library by actual count, a report issued today shows.

The attendance by days was: Monday, January 6, 537; Tuesday, 450; Wednesday, 394; Thursday, 446; Friday, 407; Saturday, 551; and Sunday, 104.

Magazines just added to the library lists include Flower Grower; American Prefaces, a new literary periodical; Radio Guide; Engineering News Record; Q. S. T., a radio journal; Diesel Digest; Overland Trails, a new western magazine; and the New Yorker.

The new book list is to be issued this week. It shows 60 non-fiction titles and 25 fiction titles. The non-fiction group includes books on travel, biography, surveying, astronomy, education and technical subjects.

"KICKERNICK" Undergarments that fit at Ethelwyn B. Huffman's.

Annual States Dinner will be held in the First M. E. church, January 20. Reserve your tickets. Tel. 774-J-1.

Use Mail Tribune want ads.

housing administration carried on its campaign in Arizona and cited the astonishingly good results that were obtained, emphasizing that with a small population Arizona did such a large volume of business under the housing act that it attracted the attention of the nation. The same results, with advertising and work, can be obtained in Oregon, he declared.

New Homes Needed
Mr. Hoppe explained the finance features of the housing act, pointing out that under title 2 there has not been a single loan default in the entire country to date.

He referred to the availability of lumber here, emphasizing that 37 percent of the standing timber of the country is in the northwest and that 85 per cent of this is in Oregon.

"The timber is here at our door and yet we are like the shoemaker who goes about barefooted," he declared. "Vacancies in Medford are only slightly more than one percent. With this in mind and with the vast amount of timber right here, it behooves us to give thought to a building program."

To Hold Clinic
The United States can stand the construction of 500,000 new homes a year for the next ten years and not be overbuilt, Mr. Hoppe said.

Next week the federal agents will conduct a "mortgage clinic" here, the purpose being to explain to everyone interested how the purchase of household equipment, repairs, modernization and new construction may be financed under the housing act.

Bankers at the meeting pointed out that sale of household equipment may be financed without recourse to the dealer.

Twisting Force of Light Proved for First Time

Metal Plate in Vacuum Chamber Twists Slowly As Light Strikes—Theory Long Held Substantiated.

By Howard W. Blakeslee (Associated Press Science Editor) WORCESTER, Mass., Jan. 14.—(AP)—Direct detection of the spin, or angular momentum of light, for the first time is announced by Lt. Richard A. Beth of the Worcester Polytechnic Institute.

He shows that light exerts a twisting force on a material object. He does this in his laboratory where in a vacuum chamber a thin metal plate, hanging by a long filament, slowly twists about half way around under no other force or pressure than that of light.

Long Accepted Theory
Dr. Beth describes his discovery in a report to the American Association for the Advancement of Science. The spin of light has been one of the accepted theories of the peculiar nature of light, but no one was ever able before to measure it.

Under present theories light is composed of corpuscles, or waves, or photons or quanta. Whatever these particles are called, each one must be spinning, like a rifle bullet in flight.

"The value of the experiment," Dr. Beth reports, "does not lie in any possible direct practical application, but rather in the further investigation which it affords of the modern theory of light, and because modern technique has made it possible to detect an effect which was considered entirely beyond human observation only a few years ago."

"The angular momentum observed as a twisting force was about one ten quadrillionth of a pound-foot. A pound-foot is the twisting force represented by a force of one pound acting at the circumference of a wheel one foot in radius."

Under Heat
Dr. Beth used light from a tungsten filament at Fahrenheit temperatures respectively of about 380 degrees, 4100 and 4300.

With each rise in temperature of the source of light, the plate twisted farther around. This agrees with the fact that the higher the temperature the more energetic is the light.

Only polarized light was used. Polarized light is familiar in nature as glare. The infinitesimally small twisting effect of the light bullets might explain why glare is disagreeable to human eyes. When light is not polarized the spinning bullets or photons strike the eye with twists in every direction, but polarized light twists all the same way simultaneously.

Remnants for Women's and Children's Frocks Aprons... Underwear and Home Decoration

Half Price and Less!

Silk Remnants

Desirable lengths in beautiful quality silks including flat crepe, crepe de chine, rayon crepe, georgette, slip satin, pongee and other aliken fabrics. Every one of these lengths a real bargain. Suitable for Dresses, Underwear, and other Silk Garments. Pick yours out tomorrow at Mann's sale of remnants. But remember, early shoppers always get the best lengths. So be here when the store opens.

Wool Remnants

Woolen remnants in lengths suitable for children's dresses, women's and misses' skirts, jackets, etc. Included in this lot are flannels, tweeds, challis, wool crepes, and mixtures. Many of these remnants will make a school coat for some little miss. Come pick out several of these choice pieces. The cost is almost nothing. Come in early Wednesday morning and get your pick of these remnants.

Cotton Remnants

Remnants of wash goods including voiles, suitings, percales, pique, dimity, Swiss, lawns and cotton broadcloth. This lot offers a marvelous opportunity to buy fine materials for aprons, blouses, and kiddies' school dresses. A wonderful selection of quality pieces in good lengths and splendid colors. But come early, as dozens of customers are waiting for this remnant sale of Wash Cottons. The best pieces will be first to go.

Domestic Remnants

Included in this great sale of remnants are dozens of choice domestic pieces consisting of lengths of sheeting, pillow tubing, plisse crepe, linen toweling, nainsook, dimity and muslin bleached and unbleached. You'll find plenty of uses for these pieces, so be among the early shoppers and get your pick. All are out on one big table ready for quick and easy selections. Doors open at 8:30 sharp.

Drapery Remnants

Many desirable remnants of fine quality cretonne, scrim, net, damasks and marquette in good lengths suitable for drapes, chair covers, cushions, pillows and fancy work will be found in this group. But they will go fast, be here early tomorrow and get your pick of these good looking remnants; you'll find plenty of uses for the various pieces.

All Remnants Out On Tables NOTHING RESERVED!

See Our Central Avenue Remnant Windows

January Clearance Sale of All Wool and Swavel Cloth

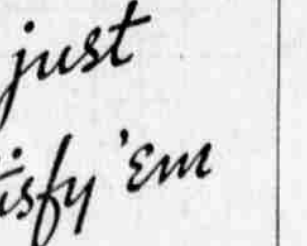
JACKETS

Here are Jackets styled especially for Winter Wear... They are ideal for sports, school and utility use... Rain-proof Swavel Jackets with pleated backs... Smart Wool Jackets for Ski Suits... Jackets with button fronts and with full zippers. All sizes and colors in this unusual Wednesday sale—

\$1.50 and \$2.95

Regular Values up to \$4.95

Second Floor



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DR. NEWMYER QUILTS STATE T. B. STAFF

SALEM, Jan. 14. — (AP) — Announcement of the resignation of Dr. Philip Newmyer as a member of the state tuberculosis staff was made here late yesterday.

Newmyer had been with the institution for the past 13 years. His resignation was confirmed by Dr. Grover C. Bellinger, hospital superintendent.

Phone 542. We'll haul away your refuse. City Sanitary Service.