

# Vernonia Eagle

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## Cow Testing Report Made

### Unusual Records Made By Some County Herds

## Recommend Grain Feeding

### Greater Profit is Shown By In- telligent Feeding of Grain To Dairy Herds

(By George A. Nelson)

The annual report of the association covering the period from May 1, 1926 to April 30, 1927 shows that a total of 55 different herds were tested during this period. Several special herd tests were run that no permanent record was kept on. During April, the last month in the association year, a total of 35 herds were tested. A total of 22 herds completed the years' test of twelve months.

A total of 7798 cows were tested during the year and 445 cows completed the years' test of 8 months or more. The average production of the 445 cows was 7929 pounds of milk and 317.4 pounds of fat. A total of 210 cows produced over 300 pounds of butterfat; 96 cows produced over 350 pounds of butterfat; 43 cows produced over 400 pounds of butterfat and 3 cows produced over 500 pounds of butterfat.

In a comparison of the two high and two low producing herds it was found that the average per cow in the two high herds totaling 45 cows, was 7399 pounds of milk and 378.4 pounds of fat, compared to 6860 pounds of milk and 264.2 pounds of fat in the two low herds totaling 66 cows. This leaves a balance of 539 pounds of milk and 114.2 pounds of fat in favor of the two high herds.

In comparison of the ten high and ten low producing cows it was found that the high cows averaged 11,284 pounds of milk and 495.6 pounds of fat worth \$259.00 and a profit over cost of feed of \$190.15. The low cows averaged 4454 pounds of milk and 166.3 pounds of fat worth \$97.95 and a profit of \$43.55 over cost of feed. This leaves a balance in favor of the high producing cows of 6830 pounds of milk and 329.3 pounds of fat and a profit of \$146.60 over cost of feed.

For herds of 8 cows or more, holding the highest average yearly production, Beeson Brothers, of Clatskanie, were first with an average production of 7601 pounds of milk and 382.1 pounds of fat for 31 grade Jerseys and 8 Guernseys that were on test for 8 months or more. Henry Behrman, of Cornelius, was second with an average production of 7197 pounds of milk and 374.7 pounds of fat with his herd of 14 registered Jerseys and grade Jerseys. Hammer brothers, of Deer Island, were third with an average production of 10,959 pounds of milk and 362.0 pounds of fat for 14 registered Holsteins. E. J. Brocks, of Cornelius was fourth with an average production of 7003 pounds of milk and 357.6 pounds of fat for his 8 grade Jerseys.

Herds of less than 8 cows are not included in the yearly average, but honorable mention must be made of Rudy Anliker's herd of registered Holsteins, at Goble. The yearly average of the four cows that were on test for 8 months or more was 11,090 pounds of milk and 360.1 pounds of fat.

The honor cow of the association for 1926-27 was Whiz Bang, a five year old grade Holstein, owned by the Beeson brothers, of Clatskanie. Her record was 13,393 pounds of milk and 562.3 pounds of fat. Fawn, a six year old grade Guernsey, was second with a yearly production record of 12,159 pounds of milk and 558.6 pounds of fat. She is also owned by Beeson brothers, Bigun, a five year old grade Holstein, was third with a production of 13,291 pounds of milk and 519.1 pounds of fat. She is also owned by Beeson brothers, No. 8, a six year old grade Jersey, owned by E. J. Brocks, of Cornelius, was fourth with a production of 10,612 pounds of milk and 487.8 pounds of fat. Molly, an

## Dairy Output in Idaho Shows Large Increase

In five years the output of dairy products from Idaho increased from \$4,500,000 to \$17,000,000 in value. The value of cheese output during the period increased from \$1,750,000 to \$9,000,000. Stated in terms of carloads, Idaho in 1921 shipped 147 cars of dairy products. In 1927 the shipments will aggregate 2000 or more cars.

These examples illustrate what irrigation and diversified farming have done for southern Idaho, while it is pointed out by farm experts that Vernonia has the advantage of rainfall that will eliminate irrigation.

At Payette is located a cooperative creamery which returns to the producers of butter fat 79 per cent of the consumer's dollar. Only one other cooperative creamery in the United States has a better record. There is at Caldwell, Idaho, another cooperative creamery recently established which is returning to the producer of butter fat 71 cents out of the consumer's dollar. This is a remarkable contrast between the ordinary return of 30 per cent of the consumer's dollar to the average agricultural producer.

### Berean Class Has Party.

The Berean class of the Church of Christ gave a party Friday evening at the home of Fay Webster.

There were about 20 present to enjoy the entertainment furnished by Miss Phoebe Greenman and Bodie Hieber, who acted on the social committee.

eight year old grade Holstein, owned by Max Widmer, of St. Johns, was fifth with a production of 11,704 pounds of milk and 477.8 pounds of fat.

In comparing the yearly records of the Beeson brother's herd it was found that the yearly average for their first year in the association (1923-24) was 7279 pounds of milk and 305.7 pounds of fat for the 25 cows that were on test 8 months or more. Of this number 17 were 2 and 3 year old heifers. In 1926-27 their yearly average was 7601 pounds of milk and 382.1 pounds of fat from 31 cows that completed the years' test. Of this number 18 were 2 and 3 year old heifers. This leaves a balance of 76.4 pounds of fat per cow in favor of the 1926-27 record. At an average price of 50c per pound for butterfat this means a profit of \$38.20 more per cow now than in 1923 with practically no increase in cost of labor and only a small increase in feed cost per cow. This herd has been tested continuously since 1923 and their yearly production records have steadily increased each year. The average herd test in 1923 was 4.2 per cent and in 1926 it was 5.0 per cent. This has been accomplished mainly through weeding out the lower testing cows and low producers, commonly known as the "star boarders" and by the feeding of a good balanced grain ration according to the productive ability of each cow. Their roughage cost was less than \$40.00 average per cow and grain cost less than \$30 average per cow in 1926.

The high herds without exception, practice grain feeding the year around. It is commonly believed that in the spring and summer grain feeding is not necessary, but records will bear out the statement that the intelligent feeding of grain while the cows are on pasture will hold the test up and there is no late summer slump in production as where pasture is depended entirely upon for feed. The production through the fall and winter will also be better as a result of feeding grain during the pasture season, even though the pasture is of the best. It is quite a problem when grain and feed cost so high, but if you no more than break even on the grain fed in the spring and summer you will be doubly repaid on the grain and roughage fed in the fall and winter. Some farmers will say that grain feeding is a good idea, but it does not pay. But the figures previously referred to indicate that it does pay.

By raising a good quality hay, such as alfalfa, clover or vetch, kale or roots and tubers for your roughage; and by the buying of proper grains to balance the home grown grains, you will have gone a long way towards solving your feeding problems.

## Local Churches Will Observe Thanksgiving With Special Services

### Harvest Home and Thanksgiving Service at Evangelical; Thank- sgiving Day Service at Christian.

Rev. G. W. Plumer, pastor of the Evangelical church, has announced that a special Harvest Home and Thanksgiving service will be held in that church Sunday morning, when a feature of the service will be a display of produce of the Vernonia district.

The request is made that all produce be brought in Saturday, so that it may be properly arranged for exhibition. The choir is planning special music for the occasion. At noon a basket dinner will be served in the church social rooms. The Women's Missionary society will give a pageant, "Challenge of the Cross."

### Thanksgiving Day Services.

A Thanksgiving day program will be conducted by Rev. Teddy Leavitt at the Church of Christ Thursday, November 24, at 10:30 a.m. The public is cordially invited for prayer and praise service at this time.

The Church of Christ is also planning a big family dinner on Thanksgiving day. Any employee of the mill who does not have a home in Vernonia is especially invited to this dinner. And all others who would like to have dinner with this group are cordially invited, stated Mr. Leavitt.

## Synthetic Fertilizer Process Is Discovered

With the replacing of horses by tractors and trucks the farmers and gardeners are beginning to wonder where the barnyard fertilizer for the future is coming from. The Oregon experiment station seeing the approaching "famine" has developed a method by which grain straw can be made into synthetic manure. This manure has been tried against plots with barnyard manure and commercial fertilizers, with the synthetic manure giving equally as good results as the other, if not better.

Ground limestone is added at the rate of 100 pounds for every ton of straw to control the reaction. Ammonium sulfate and acid phosphate at the rate of 50 and 60 pounds respectively to the ton to supply needed nutrients which trient. These nutrients together supply a balanced ration for the decomposition organisms. After the treatment of the straw is complete it is thoroughly wet down and kept moist by the winter rains. This makes good manure after a period of 4 to 6 months. One ton of straw will make two tons of good fertilizer.

Kelp plants, braken ferns or other organic refuse may similarly be utilized. The kelp supplies an appreciable amount of potassium. By taking advantage of this new process gardeners and others are assured of a successful substitute for barnyard manure.

### Natal Grange Has Meeting.

Natal Grange held its annual meeting Saturday night. There were about 26 members present, including six visiting members from Wienema Grange at Birkenfeld.

This meeting was the first after Pomona Grange, which was held in Vernonia November 5. Many questions were discussed and decided and the members initiated George Marti of Mist.

After the meeting dancing was enjoyed and refreshments were served. The next meeting will be held in the Grange hall Saturday night, November 26.

### Girl Named For Armistice

Joy Armistice is the name of the little girl that arrived at the home of Mr. and Mrs. H. S. Fielding on Armistice day. Other recent arrivals are: Clavie Gwendolyn, daughter of Mr. and Mrs. C. C. Stubbs, and born November 9. Mr. and Mrs. H. J. Feilberg announce the birth of a boy, Ivan Dell, at their home November 5.

### Miller-Tisdale

Ruby Miller and W. C. Tisdale of Vernonia were married in Olympia, Wash., Saturday. They will make their home in Vernonia. Mr. Tisdale is employed at the Johnston-McGraw shingle mill.

## Old Bibles Displayed At Christian Church On Sunday Evening

### A Swedish Bible 253 Years Old, Owned by Nels Peterson of Mist, Was Displayed.

Sunday night was Bible night at the Church of Christ, when a unique and interesting service was conducted. Rev. Teddy Leavitt displayed a number of old Bibles printed in six languages. The oldest Bible displayed was that owned by Nels Peterson of Mist. This Bible was printed in the Swedish language and has been in their family more than 200 years. The Bible itself is 253 years old.

The oldest Bible in the English language was owned by Mr. Leavitt and is 116 years of age. Another English Bible was that owned by Mrs. Nellie Baker of Vernonia. It was purchased by her grandfather from Abraham Lincoln and was 93 years old. Other Bibles were in French, Greek, Hebrew and German. The largest Bible on display was a family Bible owned by Mrs. J. A. McDonald. It contained two English versions: King James and the revised.

At this service the Church of Christ was presented with a beautiful and costly pulpit Bible by Mr. and Mrs. Ira Mann of St. Louis, Mo., in memory of their parents, Mr. and Mrs. Charles H. Wells and Mr. and Mrs. John A. Mann. The Bible is printed on India paper and bound in black leather.

## University Graduates Expect \$140 a Month

University of Oregon, Eugene, Oregon November 14, (Special)—The student at the University of Oregon who is taking business administration can look forward to an income of approximately \$140 a month or \$1680 annually within a year after he is graduated. Within a period of not more than four months his expectation can be \$135 or \$1620 a year.

These figures were compiled from a questionnaire answered by 11 graduates of the class of 1926 and 15 graduates from the class of 1927 of the school of administration. It was also learned only three out of 11 members of the class of 1926 are at all dissatisfied with their present position. The others all answered "satisfied." In the class of 1927, which was graduated last June, only three of the 15 answering were "dissatisfied."

The questionnaire also showed that three students of the class of 1926 are now engaged in farming, and they consider this as a business. Not one of the three showed any inclination to leave the farm unless a salary substantially above the average would be received.

This "expectation figure" is somewhat higher than the amounts actually received by the students, and it was arrived at by asking the question, "How much salary would you desire if you were offered a new position." The actual increase over the present salaries is not believed to be more than \$5 a month, which would make the net income of 1926 graduates average \$135 a month, and that of 1927 \$130.

It is pointed out that these wages in most cases are "starting" figures, and represent the amounts paid the employees while they are proving themselves. That advancement is often rapid is shown by the fact that one student of the class of 1926 would require a salary of \$250 a month in order to induce him to change, another asks \$220, while others would require more than \$150. The fact that women are willing to work for a lower figure, in some cases as low as \$100 a month, brings down the average, it is pointed out.

Raymond Hodges had a narrow escape from serious injury Monday afternoon when crossing Bridge street between Second and Third. In dodging between cars he stepped in front of the Ford delivery truck driven by Wm. Aspland, who, although stopping within a few feet could not prevent one wheel passing over the boy's body, according to those who witnessed the accident. He suffered only minor bruises.

## Miss Ruth Young Becomes Bride of Otto Boeck

Wedding bells rang when Miss Ruth Young, 26, daughter of Mr. and Mrs. F. J. Young of Olympia, Wash., became the bride of Otto Boeck, 30, son of Mr. and Mrs. Louis A. Boeck of Vernonia, in Vancouver, Wash., Tuesday afternoon, November 15. The bride wore a wedding dress of blue silk and carried a bouquet of white chrysanthemums.

The wedding took place at the home of Rev. Chas. E. Baskerville, pastor of the First Presbyterian church of Vancouver. Mr. and Mrs. J. C. Bond acted as best man and matron of honor.

Mr. Boeck is an employee of the Scappoose Logging company. They plan to make their future home in Vernonia. Their many friends extend their best wishes for the happiness of the couple.

## P.-T. A. Attendance Contest Starts Friday

The next regular meeting of the Vernonia Parent-Teacher association will be held at the high school at 3:30 p.m. Friday. A large crowd is expected as the annual contest of parents present will begin with that meeting. The school class having the greatest number of parents present will receive a cash award of \$2.50 to be used as the class decides. Every parent is urged to come to vote. Anyone who has no children in school is privileged to cast one vote.

The association will have the pleasure of hearing Miss Lenora Kizer's official report on her trip to the state convention. Dr. R. I. Hall will also give a short talk. Mrs. Judd Greenman is the P.-T. A. chairman of Red Cross work, which will be taken up at this meeting. Anyone who has not joined will be given an opportunity to do so at the Friday meeting, as an effort will be made to secure a 100 per cent membership.

At the last regular meeting of the association the members listened to an instructive talk by Fred Park of Portland, state chairman of Americanization. He explained how Americanization classes can be conducted and advised that a canvass be made to ascertain if enough foreigners were interested to form a class.

### Farewell Shower Given.

Mrs. Judd Greenman was hostess at a farewell shower given Tuesday afternoon of last week in honor of Mrs. W. L. Garner. Light refreshments were served by the hostess.

Among those present were Mesdames Grunden, Mann, Strong, Davidson, C. Anderson, Wolfe, Ruhl, Bielle, Space, George, Hughes, Garner, W. F. Browning, and Greenman.

### Rebekahs Meet at Rainier

The Rebekahs of district 5 of Columbia county met in Rainier Monday of last week, with representations present from all the county lodges. State officers present were Miss Etta Sanderson, president of the Rebekah assembly, Mrs. Leona Theil, grand master of assembly, Past President Mrs. Mary Lancaster and Jessie Jarvis.

Visitors were present from Montana, Idaho and Washington. Mrs. Rada Stykes of Fern lodge was in charge of the convention and every member of the program was present.

### Clatskanie Man Killed

Art Wolstad was killed Sunday evening of last week by the down-river train one-quarter mile east of Kerry. Death was thought to have been instantaneous. The body was not found until about 7:30 Monday morning.

He had evidently gone to sleep on the track and was awakened just in time to raise his head and the cowcatcher probably struck him, fracturing his skull.—Clatskanie Chief.

### Grange Has Pie Social

A pie social to which the public was invited was given by Yankton Grange in their hall Saturday evening. In addition to a miscellaneous assortment of pies placed on sale, there was also an interesting literary and musical and literary program.

Ross Daniels, whose fame as a pie auctioneer is widespread, officiated at the auction block in such a way as to bring a good sum into the treasury.

## Red Cross Drive Starts

### Mrs. Madge Rogers in Charge Of Vernonia District

## Good Support is Expected

### Members of Various Organizations Appointed to Assist in Work This Year.

The Red Cross roll call is now under way and will end November 24, according to Mrs. Madge Rogers, who has been appointed chairman of the Vernonia district. In the past Vernonia has supplied but a small sum that was donated to this work, but Mrs. Rogers is optimistic in believing that the support this year will be quite strong. Vernonia has always fallen down in the membership, but not in the services received from the Red Cross through the services of the nurse, Miss Nina Little, Mrs. Rogers pointed out.

The different organizations and lodges are being worked by members at their meetings. If this plan proves effective no house to house canvass will be made. Posters will be given all organizations who subscribe 100 per cent, and the chairman hopes that all these posters will be used.

A partial list of the organizations and their respective workers follows:

Study club, Mrs. Frank Hanson; Grade Teachers club, Mrs. Mabel Nichol; High School Teachers club, Miss Hazel Malmsten; Parent-Teacher association, Mrs. Judd Greenman; American Legion, M. E. Moe; Masons, J. C. Lindley; K. of P., E. S. Thompson; Eastern Star, Mrs. Space; I. O. O. F., Parry Mellinger; Rebekahs, Mrs. D. Cameron; W. R. C., Mrs. Nannette Hall; W. C. T. U., Mrs. Alma Mills; Neighbors of Woodcraft, Mrs. M. Miller.

The church membership is being worked and workers for the other lodges will soon be found.

## October Report of Cow Testing Association Made

A total of 32 herds were tested during the month of October with a total enrollment of 689 cows of which number 108 cows are dry. Their total production was 391,352 pounds of milk and 16,864.1 pounds of fat. Their average production (including dry cows) was 568 pounds of milk and 24.45 pounds of fat. 71 cows produced over 400 pounds of fat for the month of October.

A new system is being inaugurated in all the testing associations of the state of Oregon during the month of September and October in computing the individual herd averages. All the dry cows that are enrolled in the herd books are included with the cows in milk when computing each herd average. This system will be used from now on in all the associations so as to have them all on a standard basis. Only the high herd in each class will be given each month.

The high herd over 20 cows for October is Beeson brothers, at Clatskanie. They have 31 cows on test; whose average production was 685 pounds of milk and 35.11 pounds of fat. This herd is comprised of grade Guernseys and grade Jerseys.

For herds of 12 to 20 cows, Jacob Rietala, at Quincy, has the high herd. His herd of 20 grade Jerseys produced an average of 812 pounds of milk and 37.43 pounds of fat.

The high herd under 12 cows is Mrs. Belle Watson's herd of 5 grade Jerseys, located near Scappoose. Their average production was 695 pounds of milk and 34.24 pounds of fat.

The high honor cow of the association for October is Brownie, a three year old grade Guernsey, owned by Beeson brothers, of Clatskanie. Her production record is 1122 pounds of milk and 68.4 pounds of fat. The second high cow is No. 10 a grade Jersey, 4 year old, owned by Herman Liebenow, of Cornelius. Her production record is 1355 pounds of milk and 67.8 pounds of fat.