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At the New Low Prices

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# The DAIRY

## FALSE ECONOMY IN RATIONS FOR COWS

It is common practice among many farmers who feed dairy cows to feed liberally of ear corn or a plain mixture of corn and cobmeal and ground oats, thinking that if they feed enough of it there will be no necessity of buying so-called expensive protein feeds. These practices are seldom given much attention until they come into the range of cow-testing associations.

When such men do become members of some cow-testing association, it is often difficult to induce them to decrease the total amount of grain fed and add a high protein feed to their present ration, says a writer in the Successful Farming. Their argument is usually that the feed will cost too much. The following illustration was used by the writer quite recently to prove that such is not the case:

A member of the Jefferson county, Iowa, cow-testing association was feeding his cows a ration of 300 pounds of corn and cobmeal, and 200 pounds of ground oats. The average monthly production of his herd was 470 pounds of milk and 24 pounds of butterfat. His ration was costing him \$1.04 per 100 pounds. To 18 cows he was feeding 7,200 pounds of grain during the month at a cost of \$74.88.

A suggested ration of 400 pounds of corn and cobmeal, 300 pounds of ground oats, 300 pounds of bran, 100 pounds of cottonseed meal and 200 pounds of all-meal would cost him \$1.73 per 100 pounds. This ration is considerably more expensive per 100 pounds but at the rate his cows were producing, 3,900 pounds of the suggested ration would have been sufficient to keep up the cows' production during that month. However, 3,780 pounds were suggested to allow for putting some of the cows in a little better condition. This amount of grain would cost \$65.89. Here is a saving of \$14.40 for the month.

Apart from this saving, the fact should not be overlooked that the suggested ration contains more protein, consequently an increase in production can reasonably be expected. The owner's ration contains only about 7 per cent protein, which is altogether too little for large and economical production. The suggested ration will contain about 12.5 per cent protein. The pasture which those cows were getting was not abundant and a little supplementary roughage would have improved conditions considerably.

Another member was feeding, along with fair pasture, 15 pounds of ear corn to cows quite recently fresh. At 80 cents per bushel this feed would cost him \$3.57 for each cow per month. Ear corn is not an economical feed at any time because of the quite large percentage that is not digested. Seven pounds of the same ration, as was ad-

vised in the previous case, would cost \$3.63 for each cow per month. This would be a saving of 24 cents on each cow. Apparently this is only a small saving but the higher protein content of the suggested ration would, no doubt, bring about an advance in production which would indirectly be a further saving.

It should be easy to see from these illustrations that what appears to be a saving in refusing to feed high protein rations is simply false economy. In many cases less pounds of grain in a balanced ration will bring more economical results than a liberal amount of feeds deficient in that absolutely necessary milk-making food, protein.

If the conditions in that first illustration had been the same for the entire year, a saving of \$173.88 could have been effected and it costs only about \$40 to be a member of a cow-testing association for a year.

### Big Cows Produce More Milk, Declare Experts

The cow producing 100 pounds of butterfat a year on the average returns \$8 to her owner above cost of feed, and the cow producing 400 pounds returns \$96. With four times the production, over 12 times the return above feed cost is secured.

It is significant also that Dana of Vermont, Pearson of Illinois, and others have furnished evidence from which the conclusion can be drawn that large cows produce more, make more efficient use of feed and produce more economically when all items of cost are considered than do smaller ones. In this way the size of the cow is one factor that influences milk costs. Again mature cows between the ages of five and eight as a rule produce more efficiently. This is shown by McCandlish, of Iowa, who after making a study of over 10,000 official records, concludes that milk is produced in larger quantities at a lower cost by cows between five and eight years of age.—H. R. Lascelles of the Colorado Agricultural College.

### Soy Beans for Cows

Soy bean meal proved to be fully as valuable as oilmeal as a feed for dairy cattle in an experiment conducted recently at South Dakota State college. Feeding soy bean meal in moderate quantities did not have a damaging effect on the butter made from the milk, although if fed in excess it has a tendency to produce a soft, watery butter. There is no reason why farmers should not cut down the feed bill by raising their own high-protein feeds.

### City Problems

It is all right to preserve wild life in the forests, but what to do with it in the cities is a problem.—New Orleans Times-Picayune.

### Perversity

Electric lights seem always to choose the darkest nights for going out. Such behavior is absolutely weird.—Toledo Blade.

# POULTRY

## HATCH CHICKS EARLY FOR WINTER LAYERS

Early hatched chicks are the ones that make the early and consistent winter layers. However, this does not mean that earlier than around March 15 is desirable. Neither does it mean that late April and May hatched chicks are the desirable kinds. The problem is to have the chicks hatched sufficiently early to have winter laying pullets and yet not have them so early that they will molt in the late fall. Again, the quicker-maturing, smaller breeds like the Anconas may be safely hatched later than the larger breeds like the Wyandottes. Yet, all in all, it appears to me that in far too many cases, the hatching of chicks on farms is too late and that few are they who write their chicks coming off too early, writes A. C. Hartenbaw in the Oklahoma Farmer.

Whether to incubate the eggs on the farm or to buy baby chicks must be governed to no small extent by the equipment on the farm, by the prices of eggs when compared with that of baby chicks, and by the breeding stock available. In many cases, it will be a paying proposition to purchase baby chicks from reliable breeders to the end, especially, that good stock may be had to replace the mixed stock now on the farm, while in still other cases, where the farmer makes consistent improvement in his flock of pure bred chickens by culling, using high-class males or keeping a breeding pen, it would be folly to send away for baby chicks. I know there are thousands of dollars practically thrown away each year in purchasing baby chicks for the simple reason that the equipment at hand for caring for the chicks is not suitable, and the result is a good per cent of the young chicks never reach maturity. In other words, the cost of those raised is away out of reason when compared with what they will bring when sold either as breeding stock or on the market.

### Drake's Long Voyage

Sir Francis Drake's famous voyage around the world was completed in a little less than three years. He left England in December, 1577, and returned to port there in September, 1580, and was knighted by Queen Elizabeth.

### Hardly Probable

Old Professor (returning to his chair after brief absence finds cat resting there)—Great heavens! Is it possible that I've been sitting on that cat all afternoon?

### Coincidence in Name

Salmon, Herring and Crabbe were the names of persons engaged in litigation in the Bow (Eng.) county court.

### The Radabaugh Families

Under date of April 5, 1926, the Sentinel is in receipt of the following letter from old friends and subscribers at Haas, Washington:

Dear Editor: I just wanted to write you a few lines today for it is 50 years today since we left Minnesota for Oregon—I mean the John and Nancie Radabaugh family. There were four boys and one girl, Joseph, Henry, Andy, Albert and Sarah. We came by train to Sacramento, then by boat to San Francisco, then by boat to Empire, Oregon. Then we came in a hand boat up to Myrtle Point. We lived there two months.

There John Radabaugh took up a homestead one and a half miles from Norway and we lived there twenty-three years. Henry Radabaugh continued to live there until a few years ago when the place was sold and Henry and family moved to Myrtle Point. Some 24 years ago, Mr. and Mrs. E. J. Owen moved up near Walla Walla, Washington, to live. Joseph and family moved out to Eugene to live a few years ago to be near the university so they could send their children to school; and Henry Radabaugh lives in Myrtle Point and also brother Andy.

When we came here things were sure a long ways from the way they are now. A saddle horse was the fastest then, just the other day I saw in your paper where an airship came in in just a few minutes from out near Eugene. Now there are so many autos you can hardly get across the main road. Just wait till we all get to flying, the roads are a lot wider up there.

Well the roads were very few then and all mud in winter; but now we have lots of good roads; and talking about roads, the trees were so thick that we could hardly get through, but now the ax and saw have changed all that and dairymen have put in grass and corn and carrots to feed the cows, so as to produce loads of butter and cheese, which is one of the biggest kinds of business there. Now we have railroads everywhere and airships to take the mail and passengers.

Well, dear editor, we all have been taking the paper, which was the Coquille Herald to start with and which is the Sentinel now. It is twelve years now since we made a visit to your town, so dear people, readers of the Sentinel, friends and neighbors, we are as well as could be except for our age. Hoping to see you all again, we are—E. J. Owen, wife and family.

### Writes About the Normal

Mrs. E. B. Finley, who returned a few days ago from visiting her daughter, Verna, at Monmouth writes the Sentinel as follows regarding the Oregon State Normal:

I want to say I am proud of Oregon's Normal School. Of course, they need more room and a call has been made for such and I hope they get it. I met and formed the acquaintance of several very nice people while there. I was honored by being a guest at Sunday dinner in the dormitory. There were one hundred pupils and fifteen of the faculty in the dining room. There are about 250 seated in both dining rooms during week days.

Miss Todd, the dean, is one woman in the right place. Of course, some girls object to Miss Todd's rules of government and those rules are made for such girls. The girls that want to do the right thing find no fault with the restrictions of the dormitory.

I was shown all over the dormitory and everything was in perfect order and sanitation visible every where. I met Miss Zippie, the secretary to the dean, with whom I was very much impressed. I also met President Landers and his able wife. It is simply elevating to a backwoods person like me to meet and form the acquaintance of such people. In fact, my daughter and others introduced me to so many sweet, sunny-faced girls that that alone would have paid me for my trip.

Mrs. Yutaler, who has taught here several years and who had a prominent part in my good times while there, asked me to give her very best regards to all her friends in Coos county and if any of you should come to Monmouth, she will do her very best to show you a good time. It seemed to me that every one I met in Monmouth was there to show and help me to enjoy every minute of my stay there.

While there I could not help thinking what a difference in the child's school days now and when I went to school back in the Ozark mountains and sat in an old log house on a long cedar log with holes bored through the ends and long pegs put in for legs. And they were a little "whopper-jawed" and if you moved one leg or the other was off of the floor and many are the times I have been driven to another seat for rocking back and fourth to make that short leg hit the floor. About the greatest

excitement we had then was when an ox team would stall on the hill and we would get to see the men driving them up the hill. Or some young fellow would come along near the school house and holler "School Battered!" then the boys would catch him and the school would turn out and we would all go down to the creek and see them duck him.

Yes, I say there is a vast difference and I thank God there is a co-operative spirit now to teach our children and it's not just left to one single person like it was then.

Somebody will say I don't know. Well, maybe I don't know a good thing when I see it. But if I had a thousand girls to train for teachers, I would send them everyone to our state Normal at Monmouth—Mrs. E. B. Finley.

### Brewster Valley

Julius Benham made a business trip to Coquille Thursday, returning Friday; and again on Saturday he went to Arago where he purchased a number of milk cows and brought them home Sunday.

Lyle Nosler was in the valley Monday selling Pords.

David Crowley and family were up and visited with his brother and family, the Pearly Crowleys, on Monday and Tuesday.

Miss Leah Parks spent the week end with Mrs. Forna Lawhorn and they attended the dance at McKinley Saturday night.

Carl Groves and family came up from camp and spent the day with Pearley Crowley's Sunday.

Walter Laird attended the funeral of Grandma Lattiprell at Dora Friday and went from there on to town, coming home Saturday evening and the next morning was called on to take Mrs. Hale to the hospital. Mrs. Hale is in a very serious condition caused from a too long a period of fasting. She was taken to Dr. Richmond's hospital but as the hospital was full to overflowing, she was taken to Mrs. E. N. Harry's home.

Mr. and Mrs. Albert Christensen went along with Mrs. Hale to help in getting her to town. Ivan Laird went along in another car to help in case of car trouble. Ivan Laird and Albert Christensen went down Saturday night to see the doctor in regard to what was the best to do in Mrs. Hale's case. They were out all night, getting home about 4 a. m. the next morning.

Pearley Crowley was a Coquille visitor Saturday.

### EAST FORK NOTES

Edith Weckley, the Dora teacher, who was operated on for appendicitis, has returned from the hospital.

Tom Krewsen, who has been working at the logging camp, bought his father's place at Drain. He and Mrs. Krewsen and the children moved out last week. They had M. O. Filteroff make a trip to Drain with a truck load of their household goods. That was easy moving.

The dogwood trees are in bloom. They are beautiful bunches of white against banks of green.

The Supreme court upholds the law that gives the governor the right to appoint a special prosecuting attorney when the regular district attorney falls down on his job. Prohibition is not dead. That is one of the things for which we have to honor Governor Pierce. He is against booze. R.A. Easton.

### Steamer Nearly Wrecked

With her rudder gone and her hull leaking badly after hitting on the edge of the south spit where a strong northwest wind and southerly current had swept her as she was crossing to sea Sunday morning, the Steamer Daisy Putnam, from Coos Bay to San Francisco, was rescued from probable destruction by Captain Lewis Harvey of the Tug Oregon.

The Putnam was heavily laden with lumber and with her rudder gone was helpless. That Captain Harvey and the Tug Oregon were there at the critical moment was a mere chance. Captain Harvey with the tug led the procession of vessels to sea, he going out to bring back Pilot Ed. Lund of the Jap steamer Biyo Maru; The Daisy Putnam followed him closely and the Jap steamer followed the Putnam.

It was found necessary to jettison a small amount of the deck cargo of the Putnam in order to have her tow well. The amount jettisoned is not stated.—Times.

### Old Resident Dies at Hauser

Robt. A. Church, for 40 years a resident of Coos county, died at his home near Hauser after a long illness of kidney trouble and diabetes. He had resided at Hauser for about 14 years and formerly lived on Coos river. Mr. Church was born in Plymouth county, California, November 17, 1863, and came to Coos Bay with an uncle who established the Coast Mail, one of the early day newspapers of Coos Bay.—Times.

### Riverton School Notes

A special meeting of the high school organization was called by the president, Daniel Smith, Monday morning to discuss when to go to Bandon on a botany trip. It was decided to go Tuesday, April 14, if the weather and road conditions were good.

Work was begun this week altering and completing the upstairs in the school building. Mr. Blanton and Miss Law and their students moved downstairs into the two new rooms just completed. The high school will have to continue to use their temporary rooms till the end of this term.

Some beautiful dogtooth violets were brought back from the valley for the botany and science class by Mrs. Harvey.

Miss Copenhaver, teacher of the third and fourth grades, spent Tuesday night at the home of Mr. and Mrs. John Gentry.

Miss Gladys Pennington, first and second grade teacher, spent the week end at the home of her parents, who reside in Portland.

A special student body meeting was called by the president, Fred Watson, Tuesday morning to discuss the problem of raising more money for the piano fund. It was decided that the student body would give a dance some time soon.

Miss Mabel Hull, who attends Riverton high school, spent Friday night with Miss Copenhaver, at the home of Mrs. Inez Chase in Coquille.

Gladys White, of the ninth grade, was absent several days this week on account of illness.

### Riverton Notes

Mrs. A. W. Carlson and daughter, Artha Mabelle, spent three days last week with the former's sister, Mrs. A. M. Baird, of Bandon.

Mrs. Mary Harvey, accompanied by her sisters, Mrs. Flora Dunn and Mrs. Chas. Levine, and their brother, J. E. Quick, spent the week end with Mrs. S. S. Wheeler, near Lebanon.

The A. G. club was entertained by Miss Dollie Scobie Tuesday evening. The evening was spent in sewing and conversation. And before their departure the girls were served with dainty refreshments.

C. W. Martin, of this community, has purchased a new Chevrolet coach.

### Will Bridge, Not Fill

Cost is the reason advanced by city officials for again bridging the Broadway-Kruse approach to the Coal Bank inlet bridge on the main road to Coquille, instead of filling in and paving a roadway. The city has given notice of its intention to improve the roadway by woodwork, alternative plans for which have been submitted by the city engineer.

To fill in the roadway with earth and then pave it would cost in the neighborhood of \$100,000, according to Mayor Duncan Ferguson and City Engineer E. K. Burton, as compared to approximately \$30,000 for the wood proposition.

Material secured from Coal Bank inlet by dredging would not be suitable, the city officials declared. A couple of years ago plans were discussed for filling in around the city automobile camp but were abandoned and then a report was made that earth from the Coal Bank slough was not of the proper consistency for such a purpose, being soft and slimy, and it would take years to become hard enough to support traffic. To haul material from elsewhere would cost almost a dollar a cubic yard.

The length of the roadway is 1900 lineal feet and it has been estimated that the assessment would be \$30 a foot on each side of the street.—Coos Bay Times.

### Bound Over to Grand Jury

Lee Duncan, who was arrested Saturday morning by Chief of Police J. W. Carter was bound over to the grand jury when arraigned Saturday afternoon before Judge C. E. Maybee in justice court in North Bend. Duncan is accused of robbing the Sandbaum shoe shop in North Bend Thursday night and in addition a list of probable crimes committed by him mounts. Duncan was possessed of a complete kit of burglar tools.

A lady's beaded bag stolen from the Hotel Coos Bay, North Bend, Thursday night, found in Duncan's possession has been identified. Goods found in a suit case are believed to have been stolen from a store in Roseburg and a suit case recovered in Grants Pass, checked there by Duncan was found to contain goods stolen at Gold Hill, Ore., some time ago.—Coos Bay Times.

### What \$2.25 Will Do

For \$2.25 you can have the weekly visits of the Coquille Sentinel and the Oregon Farmer—52 of each—for a year.

Dairyman—Ship your Cream to the Coquille Ice Cream Co. for best results.