

DAIRY COWS NEED MORE MINERALS

The small boys used to chant in chorus, as they threw rocks into the air "What goes up must come down." The statement is accurate, and the principle involved could be extended somewhat. Farmers have learned that what comes out of soil must first go in. And now the dairyman is beginning to see that the cow, if she gives much milk and butterfat, must secure it somewhere first.

The cow is a wonderful creature, and has managed to produce very large quantities of milk from the available supply of raw materials around her. She has managed to gather it from grass and hay, from grain and silage to a truly remarkable extent. Now we know that she could do a good deal more if she had more to work with. To find out what she needs, chemists have analyzed milk, and they have discovered that there are considerable quantities of minerals required for the manufacture of milk—milk, the best balanced and nearest perfect of all foods.

We can figure out where she gets her fats and carbohydrates and proteins, and amids, and we can guess with the scientists where she acquires her noble supply of vitamins, but just where she gets the minerals it is hard to say. Some of them she borrows from her vital organs and her bones, trusting to the wisdom of her owner to pay her back.

A good many dairymen would be indignant if they were accused of starving their cows. They have not done it intentionally. They have not understood that a good many diseases peculiar to dairy cattle are caused by lack of mineral matter. The dairy cow is so generous that she robs her own system to make her milk right, and she suffers by it unless her owner realizes what she has done and supplies her with enough of the right minerals. She does the best she can, but without all the essentials both of feeds and also of minerals, she will fall a prey to some disease or be forced to diminish the quantity of milk she supplies.

There are nine minerals which are regarded as essential for the dairy cow, in order that she may preserve her health and give her full quota of milk. They are lime, iron, manganese, sodium, potassium, chlorine, iodine, phosphorus and sulphur. Where soils have been heavily limed and sulphured to increase the clover yield for example, the plants contain a goodly proportion of these minerals. In countries where the soils are heavily mineralized and the water contains a goodly proportion of them, the lack is not felt so keenly.

Oregon, particularly in the western part, lacks minerals. Every 100 pounds of milk contains a pound of minerals. Several dairymen in southern Oregon have been experimenting with mineral foods for their cows and have had excellent results, increasing the flow of milk and maintaining a higher standard of health in their herds. Dr. Lytel, state veterinarian, is strongly in favor of the principle involved, has written papers regarding it and has helped make up mineral elements for feeding some of our great cows when they were on test.

Some of the materials are cheap and easy to supply, such as salt. Salt contains chlorine and sodium, both of which are essential to the cow. The others are hard to get, but the cow needs them. The experiment stations are conducting tests of minerals right along, and the department of agriculture is doing the same. Its experiments at Beltsville, Virginia, convinced the experimenters that the use of minerals had increased the fat test by through increased production 27 per cent. If dairymen could increase production half that amount through minerals fed, it would be well worth while.

I will discontinue my services at Miss Patterson's millinery store after this week. Madame's preparations and hair goods will continue to be on sale here and all orders left at the store will receive prompt and careful attention. Desires to be reported as usual. Mrs. Claypool. Phone 127-2.—Adt.

AMERICANISM DAY SET FOR MAY THIRTIETH

In opposition to the yearly celebrations held by the radical element of the country each May Day, the American Legion National Americanization Commission has designated the Friday preceding May 1st as "Americanism Day."

In a bulletin issued by Garland W. Powell, director of the Legion's Americanism commission, attention is called to the fact that there are many revolutionary organizations over the country working toward the overthrow of the government. In order to combat this element, the bulletin states, it is necessary to arouse the people to a better understanding of the existing conditions. May Day for years, according to Mr. Powell, has been used by the "red" groups to pour forth their destructiveness, to hold large demonstrations and meetings, to protest against the orderly processes of government and even, at times wantonly to destroy property and lives.

It is to counteract these efforts that the Legion is directing its attention to the nation-wide move for Americanism Day. Mr. Powell states. This method of combatting the radical element was authorized at the national convention of the Legion held in New Orleans.

LEGION HEAD ISSUES PROPAGANDA WARNING

Portland, Ore., April 3.—The National Director of the Americanization commission of the American Legion has requested Oregon Department headquarters to warn its 112 posts to be ready to combat any attempt of propagandists to reintroduce hyphenism into the United States. That the recent address of Von Hindenberg is a portion of a great movement of the German propagandists which now assumed the aspects of a national campaign to interest the public in the pro-German side, is the declaration of the Legion's National Americanism Director.

He stated that the most effective weapon with which to fight this insidious attempt to make Americans forget, is the use of Americanism so that the people will resent all foreign efforts at influence.

"There are 30,000 Americans buried in France who fell in breaking the Hindenburg line in 1918. The American people will not forget this in reading Von Hindenberg's new threats of war," Director Powell stated.

That a revolution for the restoration of the Hohenzollern monarchy is impending, is the belief of Mr. Powell. He asserts that Von Hindenberg who had been selected as leader of the movement, had attempted to open his campaign by calling for war with France in his recent address to the German Veterans league.

"Germany is today in better position for war than the world realizes," said Mr. Powell. "But German propaganda is being started to bring the American people to believe otherwise" he stated in repeating his warning.

PERSONAL MENTION

Mrs. D. B. Hollenhorst and Mrs. W. A. Harding spent Sunday in Portland.

Mrs. N. K. Hoffman, of Gearhart, spent a few days at the home of her son, N. K. Hoffman and family in Tillamook this week.

Mrs. Charlie Deemond was in from Pleasant Valley Monday.

Mrs. George Williams of Bay City was in the city Friday.

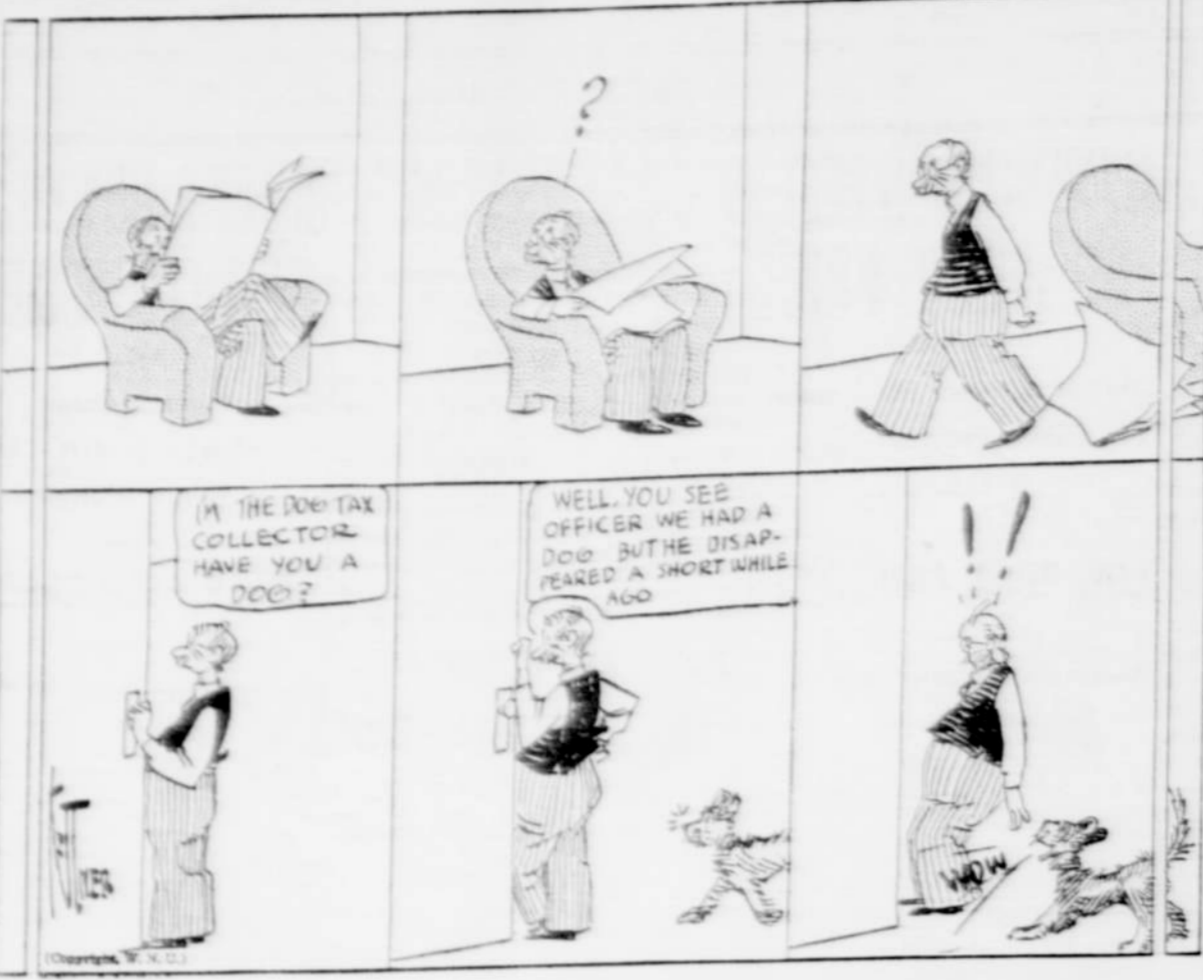
Mrs. O. P. Toney and daughter Marjorie left last Wednesday to spend a few weeks with Mr. Toney who is working on the Salmonberry.

Mrs. M. K. Cusack of Beaver was shopping in the city Friday.

John Kinnon of Beaver was in town on business Saturday.

Walter Craig and wife of Brighton were in town Saturday attending to business and visiting.

Our Pet Peeve



CONSISTENCY, THOU ART A VIRTUE

Consistency, Thou Art—Ours is nothing if not a consistent government. Congress and the president of the United States recognize the financial handicap imposed on government employees by wartime conditions. One of the final acts of the late congress was the passage of the H. R. 14235 carrying an appropriation of \$35,799 as a bonus for government clerks or \$200 each. President Harding signed the bill just prior to his departure for the Everglades.

This was not the first such bonus for government clerks. While government employees stayed safely at home behind their little desks and drew their pre-war salaries, our bodies—at the least the great, great majority of them—drew \$30 to \$50 per month and gambled with death. Yet when they suggest that they have been under financial handicap by reason of their devotion to their country, they are told that they are money-grubbers seeking to capitalize the patriotism. They are treasury-rabbits. They put the dollar mark above their country's welfare. They Albany — Albany state bank installing new vault.

Chas. P. U — \$18,000 paving contract awarded by state.

OREGON INDUSTRIAL NOTES

Gresham — Work to start on \$55,000 school building. Salem to get \$60,000 business building this summer. Dallas — Number of homes and business block under contemplation or begun.

St. Helens — New Methodist church to cost \$25,000. Waldport — 1,000,000 feet fir timber in Suislaw forest sold for \$1.25 per 1,000 feet. Oregon City considering plans for new city hall.

Lebanon — Crown Willamette Paper Co. increases wages of employees 5 cents per hour, which means additional \$18,000 payroll for this disburse behind their little desks and drew their pre-war salaries, our bodies—at the least the great, great majority of them—drew \$30 to \$50 per month and gambled with death. Yet when they suggest that they have been under financial handicap by reason of their devotion to their country, they are told that they are money-grubbers seeking to capitalize the patriotism. They are treasury-rabbits. They put the dollar mark above their country's welfare. They Albany — Albany state bank installing new vault.

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Silverton to build \$40,000 city hall. Hood River may get factory for manufacturing davenport. \$220,350 grading contract let for 7.75 miles Roosevelt highway in Fat Elk section.

Grants Pass Irrigation district laying pipe line. Marsfield to get \$70,000 school. Lane county lets \$100,000 road contracts.

Josephine county receives \$8,585.40 as share of automobile licenses from Sept. 16 to March 15.

The new Republican administration of New York state is increasing the expenditures for state purposes, as compared with expenditures under the previous republican regime. We can see the Smith-for-President boom about to bust.—Polk County Observer.

Pollyanna Shop

Hemstitching 10c Yard Needlework and Gifts Infants' and Children's Wear

Advertisement for West Coast Life Insurance Company. Title: 'The Ideal Service of Perfect Protection'. Features include: Some features of the Perfect Protection Policy, Accident—Weekly income during disability, Sickness—Weekly payments to cover loss of time, Permanent Disability—(1) No more premiums to pay, (2) Monthly income for life, (3) Full amount of policy paid at death. Includes a coupon to request more information.

Advertisement for Sunoco Distilled Oil. Title: 'Carbon—The enemy of power, efficiency and pleasure. Do you know what makes it? Most motor oils are made of light oils and "cylinder stock." "Cylinder stock" contains many impurities because it is the residue left in an oil still after the refining process. It is a sticky substance which when subjected to the intense heat of the cylinder forms a hard, flinty deposit—carbon.' Includes Sunoco logo and Marshall Wells Company contact info.

Advertisement for Studebaker cars. Title: 'Studebaker'. Features: 'We believe a Studebaker Sedan is good for five to ten years of useful, satisfactory life. We are not positive as to the real life because none has yet worn out.' Includes a table of models and prices: LIGHT SIX SEDAN \$1550, SPECIAL SIX, BIG SIX. Ends with 'WILLIAMS & WILLIAMS' and 'THIS IS A STUDEBAKER YEAR'.