

# Notice to Subscribers

Under authority of the Postmaster General, on account of recent increases in wages to employes, totaling for the State of Oregon upwards of \$225,000.00, certain changes in exchange rates have been approved and made effective July 29, 1919, for the State of Oregon.

The changes in rates apply particularly to residence service, changes having been made in the principal business rates May 1, 1919.

All new business taken on and after July 29th will be at the new rates and bills to present subscribers for the month of August will be rendered at the new rates.

A toll charge will be made between Hermiston, Stanfield and Echo commencing July 29th.

The increased rates will yield an annual revenue upward of \$250,000.00, but as the increase in wages is upwards of \$225,000.00, the net return to the Company under the rates now made effective is approximately 2 1/2 per cent on the valuation of its property at \$13,464,000.00, as found by the Public Service Commission.

The new schedule of rates is identical with the one approved by the Postmaster General for the State of Washington, which has been in effect since March 1, 1919, and the rates are the same for exchanges that are comparable.

We believe that no proof as to the advanced cost of living and the general high costs prevailing for labor and materials is necessary and that the telephoning-using public will accept this increase in rates in the same spirit of fairness and consideration as it has the advance in almost every other necessity in these unusual times.

## The Pacific Telephone and Telegraph Company

### WHEAT Some Pancake!

If all the wheat that Kansas is raising this year were ground into flour and made into one pancake, that pancake would cover six hundred square miles, says

## The COUNTRY GENTLEMAN

in the issue of August 2—the first you will receive if you send me your subscription today. It would take forty-eight millic pounds of butter, and forty-five million gallons of molasses to cover the big pancake. And Kansas boasts that she raises it all.

This year's wheat crop interests every farmer, for every one put in as much as he could to get some of the Government's \$2.25 fixed price. What are you going to raise next? Sheep? Here's an article about the Corriedales. Velvet beans? Here's their story from A to Z. Pigs? Here's their story, too. Berries? Here's all about this year's crop and next year's prospects. Whatever it is you raise—crops, livestock, fruit, truck or poultry—you will find help in THE COUNTRY GENTLEMAN. The cost? It's almost nothing at all in comparison. Only one dollar for a whole year, with 52 big weekly issues. Why miss another number? Send your name and your dollar today.

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## Butter Wrappers For Sale at This Office

FOR SALE AT THE HERALD OFFICE

Leases, Deeds, Mortgages, Etc., Etc.

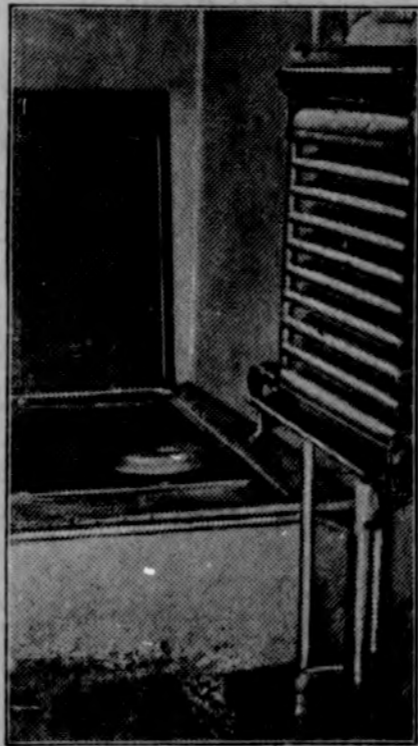
## DAIRY FACTS

### COOLING MILK ON THE FARM

During Hot Weather It is Best to Arrange System So That Water Comes Direct From Well.

(Prepared by the United States Department of Agriculture.)

Milk may be cooled most efficiently on the farm by running it over a surface cooler in which the available water supply is used at its coldest temperature and the cooling completed by storing the cans of milk in a tank of ice water. It is possible in that way within a short time to lower the temperature of milk to below 50 degrees F. Frequently the water used for cooling milk is not used to the best advantage. Spring water is sometimes allowed to flow over the surface of the ground and is warmed several degrees before reaching the cooling apparatus. During the summer water from a storage tank above ground is usually much warmer than that drawn directly from the well. It is best, therefore, to arrange the cooling system so that the water which flows through the surface cooler or cooling tank comes directly from the well or, if from a spring, it is conveyed in a pipe well below the surface of the ground. If ice is used in a cooling tank the quantity of water surrounding the cans should be as small as possible to give satisfactory results. Space enough should be provided between the sides of the tank and the cans of milk to allow for a sufficient quantity of ice and water to cool the milk properly. If a large volume of water has to be cooled much more ice will be necessary. If it is desired to cool milk quickly from an initial temperature of about 85 degrees F. to one of 50 de-



An inexpensive Concrete Ice-Water Tank.

grees F. by setting the cans in a tank of ice water, the ice water in the tank should have a temperature of about 37 degrees F. Under these conditions about four gallons of water will suffice for each gallon of milk.

In order to cool and hold milk at low temperatures on the average farm a properly constructed cooling tank is necessary. In fact most dairy farms have some sort of tank in which water or water and ice are used to cool and store milk. When an abundant supply of cold-running water continually passes through the tank it is unnecessary to go to the expense of insulation.

### MAKE AND USE STERILIZER

Necessary for Production of Dairy Products of High Quality—Steam is Recommended.

(Prepared by the United States Department of Agriculture.)

Sterilization of dairy utensils is necessary for the production of dairy products of high quality, particularly milk and cream, because the washing of dairy utensils, at least by the process generally used, is not sufficient to insure freedom from infection and contamination. Steam is necessary to kill the disease germs and harmful bacteria that lurk in milk cans, buckets and other such equipment used wherever milk is produced. Dairy utensils on small farms are not often sterilized efficiently because steam is not available. The United States department of agriculture has devised a simple and inexpensive, yet efficient, steam sterilizer which can be provided at such a small cost as to justify its use on any farm from which milk or cream is sold. The additional keeping quality which the sterilization of utensils will give milk and cream probably will pay for the cost of the sterilizer in one season. Full particulars on how to make and use this device are described in Farmers' Bulletin 748, a copy of which can be had, so long as the supply lasts, on application to the United States Department of Agriculture.

## Home Town Helps

### HOMES MAKE GOOD CITIZENS

To Own One's Own Home Means Acquisition of a Certain Standing in the Community.

"He's a home owner and a taxpayer," is the best recommendation any man can have in his own community. It gives him a standing forthwith, not so much as a person of some financial importance, but as a dependable, substantial and self-respecting citizen, wisely regardful of his own and his family's happiness and best interests, and at the same time an asset to the neighborhood in which he lives. So universal is the home-loving instinct that it might almost be said there is something wrong morally with the man or woman who does not care to own a home; and that is why the malcontents, the habitual industrial disturbers and the socially restive that inflict themselves on all countries are of the element that is very largely without home ties.

Unless all signs fail, this is to be the great American home-building year. Stimulated by the government's urgent advice to "own a home for your children's sake," and by the injunction that during the war it was patriotic not to build, now we can best show our patriotism by building, there has been a tremendous revival in the sentiment for home ownership. The indications are that the unhappy classes of renters and boarders will be greatly depleted before the end of 1919, and that there will be many thousands of additional families entered upon the life of happiness and contentment to be found only in the home.

The price of building materials today is not high, as compared with prices of other commodities, and the community that does not add materially to its total of homes this year is likely to be rated as lacking in patriotism as well as good business judgment.

### GOOD USE FOR OLD WELL

Water in It Employed to Cool That in Use in the Public Drinking Fountain.

In many cities which have acquired water systems, there are old wells which have been abandoned and closed. The illustration shows how one of these was used in a Western city to cool the water used in a public drinking fountain. The supply pipe for the fountain, instead of running directly from the water main to the base of the fountain, led first to the coil pipe which was placed below the drinking water flowed through the



The Cold Water in the Old Well, No Longer Considered Fit for Drinking, Was Used to Cool the Water Piped to the Drinking Fountain.

turns of this coil, some of its heat was radiated to the cold water in the well, and, on emerging at the upper end of the coil into the pipe leading to the fountain, it was several degrees cooler than when leaving the water main. The device is especially effective on fountains of the type which are not running continuously, but are turned on by pressing a lever.—Popular Mechanics Magazine.

### Unique Horticultural Club.

Takoma Park, D. C., has a horticultural club of 140 members, half of whom are specialists and scientists of the United States department of agriculture. This club was designed to promote gardening, culture of flowers and beautifying of home grounds, and to aid in civic improvements, as well as to hold contests and exhibitions of flowers and vegetables. The club purchases seeds, bulbs, plants, fertilizer and garden implements co-operatively for its members. Educational meetings are held at regular intervals. This year 23 prizes, including two loving cups and eleven gold and silver medals, as well as a savings bank account, will be awarded to club members for the best vegetable gardens.

### Town Plants 900 Trees.

New Bedford, Mass., is setting out 900 trees this spring and this town claims that it almost holds the record for the number of trees it possesses in proportion to street mileage, according to a report to the American Forestry association of Washington, whose campaign for memorial trees for soldiers and sailors is nationwide, and which is registering all such trees.

### "Flower in Every Home."

Now, let's celebrate the return of peace by "cleaning up," "planting up," "painting up" and end it with nature's choicest tribute to man. Our slogan is "A Flower in Every Home."

## LODGE DIRECTORY

QUEEN ESTHER CHAPTER No. 101, O. E. S., meets second Tuesday evening of each month at 8:30 sharp in Mack's hall. Visiting members welcome. Estella A. Hill, W. M. Kathryn L. Garner, Sec.

HERMISTON LODGE NO. 138, A. F. & A. M., meets in Masonic Hall on First Tuesday evening of each month. Visiting brethren welcome. H. K. Dean, Secy. J. H. Young, W. M.

VINEYARD LODGE NO. 296, I. O. O. F., meets each Saturday evening in Odd Fellows hall. Visiting members cordially invited. W. R. Longhorn, Sec. R. W. Sprague, N. G.

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