

WELCOME STOCKMEN

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Warm Weather Care of Milk is Important

The Oregon Dairy & Food Commissioner, J. I. Mickle, has issued the following important bulletin which our patrons are urged to read carefully:

"If the milk producer has done his duty there is daily left at the consumer's door a bottle of clean, cold milk. By improper treatment in the home the milk may then become unfit for food. This improper treatment consists in placing it in unclean vessels, exposing it unnecessarily to the air and flies and in failing to keep it cool until it is consumed.

"No matter how carefully milk has been handled until it is delivered into the hands of the consumer, it cannot be expected to keep well if it is carelessly handled thereafter. It should be left in the original container, probably a glass milk bottle, properly covered and kept in a cool, clean place. New milk should never be mixed with old milk unless it is to be used at once as the bacteria in the old milk will of course be added also and the mixed milk will not keep as well as the fresh.

"Milk will readily take on foreign odors, therefore it should never be left to stand in an unsanitary place where foul air exists, or near to any product that gives off an odor. It should at all times be kept covered. Sometimes in very hot weather the housewife will complain that in spite of all precaution the milk will sour quickly, even in the ice box. This is often due to the fact that the air in the ice box, although it seems cold as compared with fresh air outside, is really not cold enough to check the growth of the bacteria."

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HUG'S GROCERY
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Rev. W. L. Eabscott, ex-minister of Salem, on his way to Montana stopped off yesterday and spent the day with Rev. Tickner of this city.

WIN THE WAR MOVEMENTS

Columbus, O., April 24.—(United Press)—Dick Grabe, "tomborial artist" wants to organize a corps of barbers to follow Ohio boys into the trenches of Europe, keep them shaved and trimmed, and wield the razor on the enemy if the opportunity offers.

San Francisco, April 21.—"Let the old men go to the trenches first; the men above forty-five. Then I'll enlist" is the plea of Eugene Shelly, secretary to Mayor Rolph. "Why destroy the flower of youth and preserve the relics?"

WAR BUILDS NEW CITY OF TENTS

Great Lakes, Ill., April 24.—(United Press)—Born of patriotism and nourished by war, this town of Great Lakes bids fair to soon become the greatest naval recruit mobilization point in the world. Before the outbreak of hostilities with Germany, there were several hundred "rookies" at the naval training station here. They flocked in at the rate of more than 100 a day until now a population of 20,000 is soon expected. The government obtained use of 157 acres on each side of the original station, to accommodate the crowds of youths that swarmed to enlist. A new city of tents sprang up. Now government engineers are preparing to drain a new tract, where more tents will be

pitched. It was even necessary to cover the parade ground with canvas housing for Uncle Sam's embryo blue-jackets.

W. R. C. and G. A. R.

The G. A. R. and W. R. C. are requested to attend the Greenwood school Thursday afternoon to present an American flag. Members are requested to meet Thursday at 1 p. m. at K. P. hall.

Good Roads Conference Saturday.

Oregon's conference of good roads advocates will be held in the Multnomah hotel, Portland, next Saturday, April 28.

It is called by the Legislative Good Roads committee, of which Dr. W. D. Wood of Hillsboro is chairman.

In attendance will be the officers and leading members of the different good roads associations of the various counties and communities of Oregon.

While there will be several addresses, each of which will provide information of service in the campaign for the \$6,000,000 road bonding act, there will also be time for consideration of the practical business that will come before the conference. The most important business will be to determine what assistance can be rendered by the statewide committee to the local organizations which are working for the bond issue.

Representatives of the local organizations will be asked to state their needs, and from their suggestions will develop such co-operation as the circumstances require and the financial resources of the state committee per-

How To Raise Potatoes

The Practice of Hilling.

Sunburn and sunscald lead to the practice of hilling, but this is not a factor with a soil in good tilth allowing deep planting. Irrigation calls for hilling to some extent on account of furrow method of watering. A little hilling naturally takes place even with level cultivation. There is only one good reason for hilling potatoes, and that is to keep a poor potato soil with poor tilth or bad drainage from strangling the growing tubers.

Second Growth.

Potato tubers take their nourishment direct from the potato plant roots and not directly from the soil. Should the ground dry out sufficiently to stop the continuous growth of the plant then the tuber begins to mature. If it rains, or irrigation is resorted to, there is a stimulation to start the plant growing again, and since the tuber has begun to mature it cannot continue growing in every direction, but starts to grow out of one or more eyes, and thus forms new little spuds or knobs attached to the main potato.

Endeavor to keep the cultivator going to insure continuous growth from uniform moisture conditions.

Large Potatoes from Certain Types of Soils.

Certain of our lowland soils high in organic matter give a giant potato often too large for the best grade and having a tendency to hollow streaks. In many cases these soils could be "toned down" to some extent by earlier planting. The potatoes do not ripen off soon enough for such a soil. Also, these soils would seem to require thicker planting in the rows. Some advocate a medium-size whole seed potato from reliable upland sources. While this would help in some cases, it would not be a controlling factor. A summer such as last year's with abundant rainfall, helped increase the size of potatoes throughout the valley.

The potato crop has too big an appetite to divide with weeds the soil plant food and soil moisture; besides, it needs a good free air circulation. Successful potato growers never have rusty cultivators. They are always

too well scoured.

Potatoes are big feeders; cultivation delivers the lazy plant food in the soil to the growing crop. Potato crops stop building when thirsty; cultivation gives them water by saving it from being wasted through soil evaporation.

Potato roots grow downward several feet in a soil which gives them a chance to do so. Long horizontal roots, and all their numerous vertical branch roots, with their intricate system of tiny foraging roots, fill in between the rows before the summer is over. Cutting off feeder roots with their system of numerous rootlets at a stage when the plant is calling for all the moisture and plant food it can get, has a tendency to reduce the yield. As the horizontal growth starts early so should very shallow or flat cultivation begin.

Cultivation Must Not Be Neglected.

When the potato vine is wet with dew or rain it is not the best practice to run a cultivator. Endeavor to run the cultivator after the sun has had time enough to draw some of the brittleness from the growing plant which would probably be from midday on. It is best not to cultivate too close to the vine as it is liable to cut off some of the tuber-bearing stems.

Weedy land will induce a big start of weed seeds if left with a wet surface for a few days. After a spring rain it is a good problem for us to work out where the line is between weeds killed and moisture saved, because on a warm day with weed seedlings just in their seed leaves, millions will be killed by a good cultivation.

We have data from careful experiments to show that one turning of a harrow saved one hundred tons of water per acre. As about 500 pounds of water are necessary to make one pound of dry matter in building a crop of potatoes, we must not wait too long. Cultivation warms the soil. Whenever we see that vapor of spring days leaving the soil surface that means a transfer from heat to the soil. Next to plowing, cultivation is the most important duty in the field operations of a successful farm.

mit.

The campaign for the bonding act will come to its climax during the month following the April 28 conference. It will be time well spent for the brainiest men of every community to confer together for one day and get the benefit of each others' ideas so that the last thirty days of campaigning will count for the utmost.

Notice of Administration.

Notice is hereby given that the undersigned has been by the County Court of Union County, Oregon, duly

appointed as Administratrix of the estate of George Stoddard, deceased. All persons having claims against said estate are required to present the same with proper vouchers to C. H. Finn, attorney, at his office 20 New Foley Building, La Grande, Oregon, for the administratrix, within six months from this date as that of the first publication of this notice. Dated at La Grande, Oregon, March 27, 1917.

ELLEN I. STODDARD,

Administratrix of Estate of George Stoddard, Deceased.

Mar. 27; April 3-10-17,24

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IMPORTANT-

Membership in classes starred (*) above include annual subscription to the American Red Cross Magazine, handsomely illustrated, published monthly.