



This is a reproduction of the window poster to which subscribers to the Fourth Liberty Loan are entitled. No AMERICAN Home should be without it.

LIBERTY BOND OR—
By Helen M. Cummings.

Some day is your boy going to ask you why When need was urgent, stress was great. Your help was not forthcoming? When, in Hell's fray, he stubbornly fought to hold the Hun, Wounded, suffering, almost spent, breathing a prayer—"God give me strength to keep this dread beast from Home. From all I love, from my fair land, America." In olden days, a battle raged, and so the story goes. That just as long as were upheld the Leader's hands, So surged the tide of victory. Are you then going to help those boys of ours— Your boy and mine— Uphold their hands and help them save the free man's Right? Or—fail them and for evermore, be slaves to Murderous Might?

The More Bonds the Fewer Casualties.

BUY A  WEAR THIS BUTTON

"What are those Verdampft Yanks yelling about now?" said Fritz on Parade.

"The Schweinpiigs have just heard that the Fourth Liberty Loan was oversubscribed fifty per cent.," the Sergeant in Special Charge of Baby-Killing said.

The German sergeant and sixteen men had just reached safety after a glorious retreat of 3.7 kilometers from the Aisne.

"What made that Yank so mad when he couldn't catch up with us?" inquired a corporal when they had recovered their breath.

"He was all hopped up with a report that the Fourth Liberty Loan was way oversubscribed," said the sergeant, who had been in the United States and knew how those things worked.

Fetter Fritz, Free France—Buy Liberty Bonds.

IT ECHOES IN BERLIN



Every steel steamship turned out in our hundred and more shipyards has more than a million rivets, and the rat-tat-tat of the riveters' "guns" swells in chorus with the clicking of the machine guns in France to drown the dying German cheers over their submarine exploits.

The clinking dollars of the Fourth Liberty Loan will add a shriller voice to that chorus and further lower German morale.

It's easy to cheer for our boys in France. Make your dollars shout in the Fourth Liberty Loan. Germany will understand their voice without translation.



"Carry On"—Let's Have Teamwork

WHO will best bring honor to his Town, his County, to Oregon, to the Nation, to Himself—the one who delays subscribing to the 4th Liberty Loan—or the one who steps forward willingly, promptly and VOLUNTARILY? You know and we know what the answer is. You are willing to subscribe, that is certain. But, will you do it PROMPTLY, and without being sought out and reminded of this duty?

To help put Oregon over the top FIRST—your application for 4th Liberty Loan Bonds must be in the hands of your bank or the local Liberty Loan Committee BEFORE Saturday, September 28th. Don't wait a week, a day, AN HOUR. DO IT NOW. Being listed on Oregon's Honor Roll of "Volunteer" subscribers is the biggest patriotic distinction any man, woman or child can have.

LIBERTY LOAN COMMITTEE

The Cyclops has no more completely disappeared than would Freedom from America if the Hun conquered. Do your part in crushing the Hun by buying Liberty Bonds today.

Parry the Allied punches as he will, there will be one battle from which the Kaiser will reel back whipped, his power forever crushed. As you would have every ounce of your muscle aiding such a blow, buy YOUR limit of FOURTH LIBERTY LOAN BONDS.

It is not the size of your subscription, but its proportion to what you can honestly afford, that will mark when the FOURTH LIBERTY LOAN is past whether or not you are 100 per cent American. And if you are not 100 per cent American you are 100 per cent Boche.

Liberty Bonds or German Bondage. Buy over here to win over there—Liberty Bonds.



SELECT BETTER DAIRY COWS

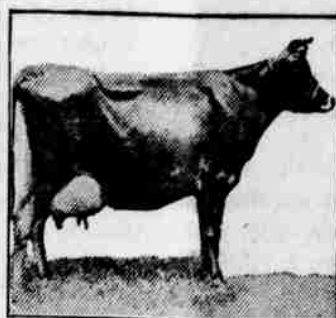
Raising of Best Heifer Calves Will Provide Means of Cutting Out Low Producers.

(Prepared by the United States Department of Agriculture.)

The war has greatly increased the demand for dairy products, and it is important that they be produced economically. In order that the quantity of dairy products may be large and the production economical, more and better cows are needed. The raising of all the best heifer calves will provide cows enough to permit the culling out of all low producers.

Every owner of dairy cows should establish a definite standard, and all cows that do not measure up to the requirements should be disposed of for beef. Whether a dairy cow should be rejected or retained should depend ordinarily on production, as shown by the milk scales and the Babcock test.

Farmers who are too busy to test their own cows may now have this work done for them at nominal cost by joining a cow-testing association. Such an association ordinarily is an organization of about 20 dairy farmers who co-operatively employ a man to keep records of their cows. The tester



Jersey Cow With All the Markings of a Good Milk Producer.

spends one day each month with each member, tests and weighs the milk for butterfat, weighs the feed, both concentrates and roughage, and advises the farmer concerning the quantity and kind of feed to be given each cow in the herd. From the quantity of milk, the butterfat test and the cost of feed, he helps the farmer to determine which cow should be rejected. He also aids

all the dairy cows in this country. The cows in the associations whose records have been tabulated averaged 247 pounds of butterfat, or about 50 per cent more than the average production of all the dairy cows in the United States. If all the dairy cows in the country could be brought up to the average of the cow-testing associations, production would be increased 50 per cent in quantity and the cost of production would be considerably reduced.

TEMPERATURE FOR CHURNING

Much Depends on Season of Year, but is Usually From 52 to 60 Degrees in Summer.

(Prepared by the United States Department of Agriculture.)

The desirable temperature at which to churn is that which makes the butter granules firm without being hard. This is usually obtained under normal conditions when the churning occupies 30 or 40 minutes. The necessary churning temperature depends upon the season of the year and certain other factors, but is usually from 52 to 60 degrees Fahrenheit in the summer and from 58 to 60 degrees Fahrenheit in the winter. If the cream is churned at 62 degrees Fahrenheit in winter, and the butter comes in 35 minutes, with the granules firm, it will be noticed, as summer approaches and the cows are turned out to pasture, that the cream churns more quickly and the butter is softer. This is an indication that a lower churning temperature should be used, and thus from season to season the churning temperature is regulated so that the butter granules may have the proper firmness.

When the temperature is either too low or too high, undesirable results are obtained. A low temperature prolongs the churning period unnecessarily, and may even make it impossible to churn butter. It causes the granules, especially when the cream is thin, to form in tiny pellets, like fine shot, many of which run out with the buttermilk. The working of the butter and the incorporation of the salt are accomplished only with great difficulty, and the body of the butter is liable to be brittle and tallowy. Adding hot water to cream to warm it, and using wash water more than three degrees warmer than the butter in order to soften it, are bad practices, since they injure the quality of the butter. If the proper churning temperature is used, the butter granules will be of the proper firmness.

Buy Bonds Now or Pay "Bill" Later.

RETREATING KULTUR LEAVES ITS MARK



This shows one of the thousands of French villages which have been smashed to dusty brick heaps by opposing artillery during German capture and occupation. Too often French gunners are under the necessity of sending shells into the homes where they have spent happy years with their wives and babies.

Your subscription to the Fourth Liberty Loan will help move the ruin back into Germany.

When a man gets a hankering for real tobacco satisfaction, he is on the road that leads straight to the Real Gravely Chewing Plug.



Peyton Brand
Real Gravely
Chewing Plug
10c a pouch—and worth it

Gravely lasts so much longer it costs no more to chew than ordinary plug

P. B. Gravely Tobacco Company
Danville, Virginia