

# SHOULD CAN YOUR OWN FRUIT

More Economical Than to Buy Preserves and Jellies, Says O. A. C. Dean.

CORVALLIS, Ore., Aug. 9.—"The odor of canned fruit is abroad in the land. Everywhere women are canning, preserving and making jellies," says Mrs. Henrietta W. Calvin, the new dean of domestic science and art at the Oregon Agricultural college, who has just assumed her new duties.

"Whenever two or three women gather together they tell of the number of quarts already up, and someone details her grief at one or more cans 'opening.' The word 'luck' occurs frequently in the conversation. One 'always has good luck'; another has 'no luck' with certain varieties of fruits.

"Yet there is no luck in successful fruit canning. The 'opening' of fruit jars—that is, the spoiling of the contents of the jar—is caused by microscopic organisms, which are really wild yeast plants. These little micro-organisms are on the outside of all ripening fruits. The warmer the weather and the greater the moisture of the atmosphere, the more numerous these are. When the fruit is crushed or bruised so that the juice begins to flow, these little yeast plants begin to multiply, to grow, and to cause fermentation. Fruit can no more ferment without some micro-organisms in it than a field could produce wheat where there had been no wheat seed in the soil. So the 'luck' in making fruits keep is merely dependent upon killing all micro-organisms and then sealing the fruit so tightly that no more can find entrance to it.

"Heat kills wild yeast plants but to insure that all are killed the boiling temperature must be continued for at least half an hour. In other words, all fruit that is to be canned must be boiled not less than half an hour. Of course micro-organisms attach themselves to the jars, rubbers, and lids, and these also must be boiled at least half an hour. That is to say, jars which have been washed, scalded and boiled half an hour, then lifted upon a pan, the jar rubber placed in position, the jar filled with fruit which has been boiled a half hour or more, the lid screwed down tightly, and the jar left inverted over night, will insure the housekeeper against 'bad luck' in her fruit canning.

"Will the fruit keep better if sugar is added? No. Sugar added while the fruit is cooking will penetrate far better than if added when the fruit is opened, but it will not increase or decrease the keeping quality of the canned material. There is no economy in waiting until winter to sweeten the fruit, except that sugar is a little cheaper in the winter. The flavor is always better when the sugar is cooked in. Of course, if the housekeeper expects her fruit to spoil, she prefers to have it spoiled without sugar, but if she is certain that it will keep, then it seems wise to make it ready for use upon opening.

"Juices should be canned without sugar, because it often occurs that the juices are used in sickness when the absence of sugar may be desired. No housekeeper can afford to be without an abundant supply of fruit. Fruits are cheaper than medicine. Fruit is more palatable than the old dose of cream-of-tartar, molasses and sulphur and is quite as effective. Canned fruit should be looked upon as necessities. We are accustomed in this climate to use lemonade as a drink. Diluted, sweetened raspberry juice, cherry juice, grape juice or loganberry juice is quite as wholesome and often much more attractive.

"We are often asked the question, 'Is the home canning of fruit as economical, or had we best buy our fruits already canned?' There is no question but that home canned fruit is cheaper than an equally good grade of commercial canned fruit. Whether it is wise for each housekeeper to can her own fruit depends wholly on the housekeeper's own conditions. Certainly it does not pay to overtax one's strength. It might not pay to can fruit if other duties must be neglected. It surely does not pay to neglect a vacation because the opportunity for it comes during the canning season. But the average housekeeper will not purchase enough ready canned fruit nor use it freely.

"So let us put away in the store-room abundant supplies of all kinds of canned fruit, being so careful during the time of preservation that we need never worry for fear of occasional spoiled portions. We need not trouble to wrap our jars in paper, nor hide away our jars in dark places. There are few varieties that can be injured by light."

## CALEDONIAN PICNIC

Charleston Bay, Sunday, August 11. All Invited. Take Steamer Alert, and launches Alice H. and Standard. Leave about 8:30. Bring your lunch.

## St. Helens Hall

Resident and Day School for Girls in charge of Sisters of St. John Baptist (Episcopal). Collegiate, Academic and Elementary Departments. Music, Art, Recitation, Gymnasium. For catalog address THE SISTERS SUPERIOR Office 24, St. Helens Hall.

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# ONLY A FEW FOREST FIRES

Conservation Association Tells of Work being Accomplished

PORTLAND, Aug. 9.—July passed practically without forest fire loss, August begun with unusually favorable conditions, and better equipment than ever before by all protective agencies except the federal forest service, which is hampered by congressional delay in acting upon its appropriation, is the summary of a statement issued today by the Western Forestry & Conservation Association upon advices received today from all protective headquarters in the Pacific Northwest. Due partly to the weather but also to the perfection of preventive measures which, like the block signal system on railroads, safeguard without being spectacular, the situation is novel in that the middle of the usual four months fire season has arrived and there is not a single fire of importance to report.

Although small fires are becoming numerous, green timber is not dry enough to carry them unless strong wind prevails and the patrol forces are handling them promptly. The season has been favorable for disposing of dangerous slashings and never before has there been such system and success in extinguishing smoldering snags and logs left after burning to become a menace later. On the other hand, the growth of grass and underbrush has been so heavy as to threaten peculiar danger from now on. Marked improvement in care with fire is reported, although there is considerable complaint against careless leaving of debris by county road builders and against the operations of small and irresponsible loggers.

The state forester of Montana has received \$3,500 from the federal government through the Weeks law to be used outside the national forests in the territory protected by the state and the Northern Montana Forestry Association.

Idaho has had a few small slashings and lightning fires but practically no damage. The cooperative patrol associations have completed several new telephone systems and are rapidly increasing patrols to meet expected dry weather.

Washington reports no July fires of consequence, but the laws are being enforced rigidly to prevent danger later. Several attempts to burn without permit or operate unguarded engines have been followed by prompt arrest and convictions. The Washington Forest Fire Association has 90 patrolmen out and is devoting special attention to finding and extinguishing any fire left after the spring slash burning. The state forester has 27 regular wardens on duty and is increasing this force gradually, besides having a special force of 35 secured by government aid under the Weeks law.

Oregon had but one fire worthy of mention in July and this was extinguished, without loss, by the Columbia County Patrol Association. About 350 wardens are on duty in the state outside the national forests, employed by state, counties, and private owners.

Although the usual fire season is half over congress has made no appropriation for the federal forest service. The national forests are being guarded on a deficiency fund which it is said would be wholly inadequate in an ordinary season, but so far there has been little loss.

It is understood by all authorities that, while the immunity enjoyed so far shortens the dangerous season and has permitted careful preparation, a few hot drying days may bring the maximum hazard at any time now. All persons are urged not to attempt slash burning and to exercise great care with sparks, matches and camp fires.

## PORTERS BUYING TIMBER.

Railroad Contractors Said to Own 2,000,000,000 Feet of Fir EUGENE, Or., Aug. 8.—Porter Brothers, railroad contractors of Portland, have purchased timber acreage in the Siuslaw district aggregating about 200,000,000 feet. It is understood that the consideration was \$257,000. This is approximately \$1 a thousand stumpage. The property was acquired from a number of individual owners.

With this purchase, it is estimated the timber holdings of Porter Bros. in Lane and Douglas counties aggregate about 2,000,000,000 feet. The acreage lies in a solid body and contains mostly Douglas fir.

DANCE EAGLES' HALL Saturday eve., AUG. 17. Late music. KEYSER'S ORCHESTRA. No "ragging."

# FRECKLES

Don't Hide Them With a Veil; Remove Them With the New Drug.

An eminent skin specialist recently discovered a new drug, othine—double strength, which is so uniformly successful in removing freckles and giving a clear, beautiful complexion that it is sold by any first class druggist under an absolute guarantee to refund the money if it fails.

Don't hide your freckles under a veil; get an ounce of othine and remove them. Even the first night's use will show a wonderful improvement, some of the lighter freckles vanishing entirely. It is absolutely harmless, and cannot injure the most tender skin.

Be sure to ask for the double strength othine; it is this that is sold on the money back guarantee.

## AN OPTIMIST

The politicians tell us That unless their side wins out The country's pretty sure to go To smash, without a doubt. But "Uncle Sam" looks out across His fields of wheat and rye And corn and oats and "taters" And winks the other eye. The politicians tell us, That unless they shall succeed The people of the nation Will just upset things, indeed! But "Uncle Sam" looks out upon His hosts of honest folks, And doesn't take too seriously The politicians' jokes.

## NOTICE.

To accommodate the employes of the C. A. Smith Lumber Co., our office will be kept open on the evening of the tenth of each month between seven and eight o'clock, for the purpose of receipting for water rates. Coos Bay Water Company.

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## CONDENSED STATEMENT

## Of The First National Bank of Coos Bay

At the close of business, June 14, 1912.

### RESOURCES.

Loans and discounts	\$238,516.72
Bonds, warrants and securities	78,191.32
U. S. bonds to secure circulation	25,000.00
Real estate, furniture and fixtures	81,011.34
Cash and sight exchange	188,653.99
Total	\$611,373.37

### LIABILITIES.

Capital stock paid in	\$100,000.00
Surplus and undivided profits	10,548.63
Circulation, outstanding	23,800.00
Deposits	477,024.74
Total	\$611,373.37

In addition to Capital Stock the individual liability of Stockholders is \$100,000.00.

INTEREST PAID ON TIME AND SAVINGS DEPOSITS.

W. S. CHANDLER, President. M. C. HORTON, Vice-President. DORSEY KREITZER, Cashier.

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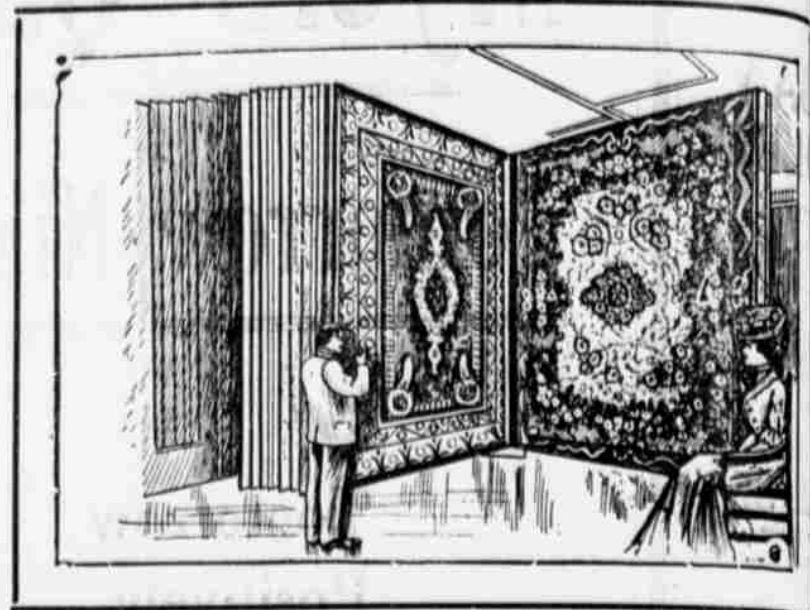
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