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MONDAY, NOVEMBER 25, 1918.

#### OREGON WEATPER

Fair and colder tonight; gentle, northeasterly winds.

#### PAYING WAR BILLS

is going to leave us saddled with particularly acute. heavy debt for a generation has not most persons suppose, and that they longer than that. Duty to the naare being taken care of with surpris- tion did not cease with the signing ing speed and comparative ease.

ton make our total war expenditure should be maintained upon a high up to June 30, 1919, about \$20,000,- plane of efficiency. 000,000. We paid off \$4,000,000,-000 of that in federal taxes last spring. We shall pay off \$6,000,-000,000 more-assessed for the calendar year of 1918-next spring and summer. That leaves only \$20,000,-000,000. Half of that sum may legitimately be deducted because it Alice was quick to reply: "Why, mothconsists of loans made to our allies, which will be repaid. If the war should be declared officially ended by the middle of next summer, we should then find ourselves with only \$10,000,000,000 war debt.

The treasury department estimates that the government's expenses, mostly for war purposes, for the following fiscal year, ending June 30, 1920, will be \$5,000,000,-000. That is evidently expected to take care of winding up the warthe garrisoning of enemy countries, the last considerable transportation of war material and demobilization of troops, etc. Subsequent war expenditures should be almost negli-

That makes, then, a total of \$15,-000,000,000 to pay after next June. It is what we shall owe to ourselves, as holders of American war bonds. If we chose to continue paying taxes at the average rate of these two active war years, we could pay off that entire balance in less than three years after the end of the war.

### THE SHORTAGE OF TEACHERS

The appeal of the federal commissioner of education for more school teachers to meet the growing needs of the schools points to another field which will help in the "absorption" of labor in the period of demobilization, says the Oregonian. For the dearth of teachers is due in measure directly to the war. Men teachers have enlisted in considerable numbers in the army; others with technical training have taken employment in munitions plants, the chemical warfare branch of the service. Young men who pass preliminary exand so on. Women, particularly to Camp Humphries, Va., for a three ral schools, have been attracted by ing to France.

# Place Your Order For Thanksgiving

WITH US NOW FOR DELIVERY WEDNESDAY DO NOT WAIT

### KINNEY & TRUAX GROCERY QUALITY FIRST

better paid employment in

The gravity of the situation is indicated by the commissioner's estimate that 50,000 teachers' places are vacant, and that 120,000 persons are teaching this year who never before taught a class. "Several thousand" schools have been closed because it was impossible for local trustees to close contact with the soil and leav- soils of high fertility may produce find teachers for them. Total ab- ing it there for five or ten minutes. good crops even if somewhat acid. sence of school facilities at some If the paper turns red the soil is points, combined with widespread acid. This simply indicates an acid and slightly to medium acid require relaxation of standards, creates a condition but gives no indication as from one to three tons per acre, ple, with their traditional reverence which is always present in the soil require a much larger amount. for the little red schoolhouse, will and is beneficial rather than harmful not long tolerate.

We sense a note of real alarm in day." The shortage of teachers of applied. chemistry and physics and in various Anyone who thinks that this war departments of manual training is

It is officially estimated that the looked into the matter carefully, shortage will continue until the solsays an authority. A little study of diers and other war workers have an average spot of a few square rods amount of lime. the war bills shows that, heavy as been demobilized. In fact, it seems they are, they are not so large as highly probable that it will continue of the armistice, and it is as desir-Official estimates from Washing- able as it ever was that the schools

Alice, age eight, who was in the second grade of school, was describing the wonderful chorus of the school which she attended, and also told of the songs that were sung each morning in her room. "And who is the best singer in your room?" inquired Alice's mother. er, I can sing as loud as any of them."

You must practice self-denial if you would get well and keep well. There is no other way-no short cut or royal road to health. Do not permit yourself to be deluded on this subject.

Our classified ads bring results.

### MAJ. EDWARD H. WILLIAMS



is now being worked out has created board started on a tour of all the large cities of the country to examine gineer corps is president of the board. aminations are commissioned and sent those relied upon to carry on the ru- months' course of training before go-

### LIMING SOILS

(By C. D. Thompson)

(Continued from Friday) How to Test

the past. This test is made by plac- fertility cropped for 10 years about ing a piece of blue litmus paper in the same amount while new soils and to how much lime is required to cor- while rich soils may do with half condition which the American peomay also affect the test.

The county agent has this appara- able very quickly. tus and is prepared to make the test for any one who desires it. It is a simple test and requires but a short from the wagon, the amount being time to make it.

In taking a sample for test select and take from this area a little sur- It can also be applied with the ma-

ected during 1919:

Salary ...... Transportation

Office Expense

ably it is better to take several dif- to use the special lime and fertilizer best time is the early spring. ferent samples. Samples from dif- sower. ferent fields should not be mixed. Test your soil before spending money plowed ground that has been har- apply lime as it is to plow in order for lime. It may not need it. It is rowed once and mix it thoroughly in to procure good crops. not acid.

How Much Lime Should Be Applied ceding the planting of such crops so the work. be considered as an investment on corporated in the soil. It does not give their full returns on acid soils which the farmer is justified in ex- give as good results when applied as unless time is added. When a soil pecting a profitable return, and a top dressing as it does when thot- has become thoroughly acid liming hence the rate of application should oughly mixed in the soil. Top dres- may not show results the first year be such that the highest return may sing is more effectual on sandy than in many instances. The soil is realbe secured for the money available on clayey soils. When it is used on ly sick and may not be able to funcfor the investment. The rate of ap- alfalfa, however, as a top dressing tion right before the second year. plication which will give the most the soft should be disked as heavily Do not waste time and money on desirable net return will depend upmaterial applied, the degree of acidty of the soil, the crop to be grown and the general fertility and value of the land.

#### Amount

For red clover soils of poor fertility and slightly to medium acid requires from one to two tons per acre The litmus paper has been used in of ground limestone. Soils of medium

For alfalfa soils of poor quality

The pulverized limestone is the A test known as the Trong test, only form available for use with us has been devised which indicates def- in this county. Air slacked and burnthe appeal to professional men, as initely whether or not a soil is acid ed lime are more soluble than the a public duty, to "take classes in and also if acid how much acid the ground limestone and hence act nearby schools for c part of each soil is and how much lime should be quicker, but when the limestone is ground very fine some of it is avail-

### How and When

It can be spread with a shovel regulated by measuring a certain area and then applying the required

### Proposed Tax Levy For Funds For 1918

The following is the proposed tax levy for the year 1918, to be col-

County Judge and Commissioners: \$1,200.00 Salary County Judge 200.00 450.00 150.00 \$ 2,000.00 Supplies for Office Salary County Clerk
Salary Two Deputies
Salary other Deputies not provided for... 1,700.00 1,800.00 5,400.00 Blank books, telephone, stationery, postage, etc. 1,000.00 Sheriff: Salary one Deputy other Deputies not provided for ...... 1,100.00 Traveling expenses
Blank books, telephone, stationery, postage, etc. 500.00 600.00 5,400.00 300.00 Transportation of Prisoners ... Salary Assessor Deputies not provided for ... Blank books, telephone, stationery, postage, etc. 3,200.00 Salary Treasurer Blank books, telephone, stationery, postage, etc. 450.00 superintendent: 1,450.00 Salary Superintendent ... Traveling Expenses ... Blank books, telephone, stationery, postage, etc. 440.00 Surveyor, salary and all office expense 1,840.00 250.00 400.00 Board of Health, salary and all office expense ........ County Agriculturist, all expense County Scaler of Weights and Measurer, all expense 1,250.00 County Veterinarian, all expense ..... 1,500.00 2,500.00 Court House, fuel, light repairs, janitor ..... 1,500.00 Circuit Court, all expense ..... Juvenile Court, all expense 200.00 Justice Court, all expense ..... 500.00 County Court, all expense Care of Poor: County Home .... Other Paupers ... 13,500.00 500.00 100.00 Advertising ... 1,500.00 1,000.00 Scalp Bounties Miscellaneous Expenses:
Including lights on bridge, delegate to special
meetings, auditing books, expenses not contemplated and not chargeable to any particular office or accounts ..... District Attorney, all expense Water Master:

County Library fund, for books, etc. ..... For the above it will be necessary to levy a 7.5 mill tax. Besides this a levy of 3.7 mills for county school purposes, raising about \$32,042.00; 1.5 mills for the new Court House, raising about \$12,990.00; 3.2 mills for state tax, raising about \$27,712.00; 6 mills in order to take care of interest on warrants and reduce the outstanding warrants, raising about \$51, making a total of 21.0 mills. Also 4 mills for roads, raising about

Estimated Cost for Bridges, Lumber, Nails, Paint for Steel Bridges and maintenance of culverts

such a demand for engineer officers ESTIMATED RECEIPTS DERIVED FROM SOURCES OTHER THAN BY that the army engineer examining County Clerk's fees

Interest on Treasurer's Deposits ..... Refund on Scalp Bounty 250.00
Penalties and Interest on Delinquent Taxes 2,500.00 County Fair 5 per cent sale of timber .......

The levy will be made Thursday, December 5, 1918, at 10 o'clock a. m. If any person desires to discuss the same they must be present at that time.

E. L. COBURN, County Clerk

The agricultural use of lime must that it may become thoroughly in- Phosphates and potashes do not spike tooth harrow.

face soil from half a dozen places so nure spreader. A little straw or ma- time to apply lime, but it is not althey will make altogether a half a nure is first put into the spreader to ways convenient for the farmer to cupful. If a field varies consider- stop the cracks. The best method is apply it then. In that case the next

When the soil has become thor-It is always best to spread it on oughly acid it is just as necessary to

very profitable to lime a soil that the soil by working. It is usually It should be remembered that land needs it, but a decided waste of time best to apply it at the time land is plaster, which is sulphate of lime, is and money to put it on soils that are prepared for crops requiring a high not a corrective for soil acidity. It 'me contest, or just the year pre- is the carbonate of lime that does

as the plants will stand and then liming where your soil does not need on the quality and total cost of the harrowed with a spring tooth or it. First of all bring in samples and have your soil tested. It will cost

The fall of the year is the best you nothing.

## Do You Need a New Tire?

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