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ADVERTISING RATES ON APPLICATION

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THURSDAY - FEB. 1, 1912

GOOD ROADS

The following article was taken from the Telegram of recent date and the writer being somewhat familiar with the condition of the Good Roads movement in New York state agrees with the writer of this article about the high cost of road building in that state. One particular piece of road that I am most familiar with cost the county nearly as much to get the work started as it did to complete it afterward.

They have been prosecuting a goods roads campaign for a number of years in the state of New York, and in that state perhaps more than in any other, except California, results have assumed something like the model-road order.

But the system of maintenance and construction is not perfected in the Empire State. Under the state law that gives an annual appropriation for general road work, it appears that the various counties do not stand on the same footing. The smaller and less wealthy counties contend that they do not get their fair apportionment of the annual appropriation; so a movement is on foot to cure that; to give every one a square deal and thereby incite greater interest in state road building.

The new scheme is to divide the state into ten districts, irrespective of county lines, and to divide the annual state appropriation by exactly that number. In each district there will be a board of road supervisors who will work in conjunction with the state engineer, and those who are familiar with all the details of the scheme claim that it is one which will work wonders in the general condition of roads in the course of eight or ten years.

Here in Oregon, of course, we have not progressed far enough to induce the government to take hold of the good roads project in such practical fashion as that of making a state appropriation that shall be available in the various sections of the commonwealth. But we are on the way toward that consummation, and it is just as well to keep in mind the plans and experiments of older states that are more advanced in the business.

We have had quite a bit in the way of good roads education in Oregon; but we need a great deal more of the same sort.

The greatest need is to get the rank and file of Oregon people—both in city and country—to thinking seriously about the disadvantages and the loss consequent upon bad roads, and the advantage and the gain that would be ours if the roads were better.

It is not alone a matter of significance to the country people. In a general way and even as affecting the personal interests of the average man who lives in the city, good roads are or should be to him a matter of prime importance. They are an economy that will lighten the cost of his living; because they mean more farmers, more produce and better facilities to market.

All these things count in the life of the city man as they do in the life of the country man. In fact, good roads should be a gospel with the entire citizenship of the state, until public opinion brings pressure to bear that will cause the state's lawmakers to move in the right direction.

The Deschutes forest reserve now boasts of owning one of the natural ice caves to be found in the Central Oregon country. The cave is about three miles from Bend and the ice will be used by the Forest Rangers near.

Formula to Prevent Smut On Wheat

Farmers are anxious to grow clean grain, and are much interested about securing a formula that is effective in reducing the effect of smut to a minimum.

The following formula has been in use for the last six years on the University of Idaho's experiment station farm:

Into ten gallons of water pour one half pound of formaldehyde, and one pound of copper sulphate (commonly known as bluestone or blue vitrol). The copper sul-

phate should be thoroughly dissolved in a small quantity of warm water before adding to the solution.

All of the formulas and methods of treating that have ever come to our attention have been tried. Copper sulphate alone and formaldehyde alone have been tried, either of which is good. We have tried them at different strength of solution, leaving the grain in the solution from three minutes to fifteen hours, the length of time depending upon the strength of the solution. The three-minute treatment with the stronger solution (one pound of formaldehyde to forty gallons of water, or five pounds of copper sulphate to forty gallons of water), has always proved to be the best of these treatments when used alone.

The hot water treatment is very effective and when on test gave better results than any of the methods of single treatments, but is too tedious, and requires too much time to be practical when a formula is available that will give equal or better results, and is easier to apply.

On the farm formaldehyde and copper sulphate in the proportions as above described have never failed to entirely prevent smut. The method of application is important. If a good floor free from slivers is not available for use, a canvas can be spread upon a smooth surface and made secure at the corners by nails or stakes to hold the surface of the canvas smooth. Pour the grain to be treated upon the canvas. Apply the solution to the grain with an ordinary hand sprinkler. Scoop the grain continuously while sprinkling till it is thoroughly wet. It is not necessary for the solution to run from the grain in quantity, but great care should be exercised that the grain is thoroughly wet. The amount to be treated at one operation can be governed according to the shoveling space. Small quantities will insure a thorough treatment. Thoroughness is one of the secrets of success in treating grain for smut. Sack the grain immediately after treating (about one bushel to the sack)

(Continued on page 5.)

CONCERT

To be given by the

Madras Dramatic Club

Postponed to

FRIDAY, FEB'Y 2

SANFORD'S HALL, AT 8 O'CLOCK

Music Songs Recitations

DANCE AFTER THE SHOW

Some Sound Advice



can often be given by sporting people, especially those who have a practical knowledge of stable requirements and proper equipment. Many of the most critical would doubtless send you to us for harness, because it is known to the trade that ours is the best made harness in the country. We take extreme pains with every detail of its make, hence its superiority.

Larkin Harness Shop

For Good Farms

City Property and Business Chances

SEE D. W. BARNETT

OFFICE MAIN STREET, MADRAS, OREGON

Houses to Rent

CHOICE LOTS IN DEPOT ADDITION

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For securing title to all kinds of Government land without residence or improvement, at lowest market prices. Write us for particulars. All kinds of Land office business a specialty. Twenty-five years experience. Reference, French & Co., Bankers.

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Builders Bargain House

SASH Made of select fir, double hung, 4 light, 6 light, 8 light, 10 light, 12 light, 14 light, 16 light, 18 light, 20 light, 22 light, 24 light, 26 light, 28 light, 30 light, 32 light, 34 light, 36 light, 38 light, 40 light, 42 light, 44 light, 46 light, 48 light, 50 light, 52 light, 54 light, 56 light, 58 light, 60 light, 62 light, 64 light, 66 light, 68 light, 70 light, 72 light, 74 light, 76 light, 78 light, 80 light, 82 light, 84 light, 86 light, 88 light, 90 light, 92 light, 94 light, 96 light, 98 light, 100 light.	DOORS Made of select fir, double hung, 4 light, 6 light, 8 light, 10 light, 12 light, 14 light, 16 light, 18 light, 20 light, 22 light, 24 light, 26 light, 28 light, 30 light, 32 light, 34 light, 36 light, 38 light, 40 light, 42 light, 44 light, 46 light, 48 light, 50 light, 52 light, 54 light, 56 light, 58 light, 60 light, 62 light, 64 light, 66 light, 68 light, 70 light, 72 light, 74 light, 76 light, 78 light, 80 light, 82 light, 84 light, 86 light, 88 light, 90 light, 92 light, 94 light, 96 light, 98 light, 100 light.
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I. O. O. F. Lodge
Meets every Saturday night. Strangers are welcome.
Charles Ortman, N. G.
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