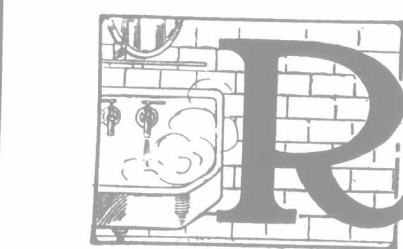




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also makes
MORE BREAD and BETTER BREAD

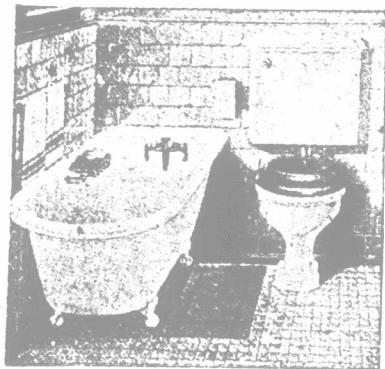
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Running water for every building on your farm

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NOTICE FENCE PRICES

ALTHOUGH the price of wire and steel of all kinds has recently advanced, and though some fence concerns have greatly advanced prices lately, we are still selling at prices established by us several months ago, and we expect to hold to these prices for the next three months. We cannot at this date make promises to hold good after that.

We sell direct to the user, and also through those dealers who are thoroughly reliable and are satisfied with a reasonable profit. Our Price List and Catalogue are ready for you.

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Questions and Answers. Miscellaneous.

Lime for Wall.

What quantity of lime will be required to build a stone wall under a barn 60 feet long on the north, 33 feet on each end, with a wall 3 feet high on the south? Do you advise a half wall of concrete with the remainder frame for a foundation? Which is the cheaper, cement or stone? Regardless of cost, would you use cement or stone? What height should this wall be?

H. M.

Ans.—Building a stone wall 20 inches thick and 8½ feet high on the three sides, and 3 feet high on the south side will require about 23 barrels of lime; that is, figuring that it will require one barrel of lime for every 3½ cubic yards of wall. The amount of mortar varies with the size of stone and whether stone or mortar is used to fill in between the larger stones. Some masons use more mortar than others. It is difficult to state the cost of building a wall of this nature. It depends on the cost of lime, which varies considerably, and on the price at which labor can be secured. With certain kinds of stone the walls can be built much quicker than with others. In regard to the half wall spoken of for the south part of the building, it is a very good idea. Some prefer building a three-foot foundation for the entire barn, and then use frame to the required height. If gravel is handier to secure than stone the concrete wall would, no doubt, be the cheaper of the two. It would not be necessary to build it as thick as with stone, and a mechanic would not be required to build it. Any handy man could build a concrete wall. As to which material we would use would depend altogether on the distance it would have to be drawn. With plenty of stone on the farm we would think twice before deciding on drawing gravel several miles, as either wall proves satisfactory for a stable. In regard to the height, 3 feet is high enough for the foundation when the upper part is to be frame. The entire height of a stable should be from 8½ to 9 feet.

Weed Eradication.

The Ontario Agricultural and Experimental Union has announced co-operative experiments in weed eradication for 1917 to be carried on under the director, Prof. J. E. Howitt, of the Ontario Agricultural College, Guelph. It is hoped that a large number will take advantage of these co-operative experiments which are as follows:

1. The use of rape in the destruction of perennial sow thistle.
2. A system of intensive cropping and cultivation, using winter rye followed by turnips, rape or buckwheat, for eradicating perennial sow thistle.
3. The use of rape in the destruction of twitch grass.
4. A method of cultivation and cropping for the destruction of twitch grass.
5. A method for the eradication of bladder campion or cow bell.
6. Spraying with iron sulphate to destroy mustard in cereal crops.
7. A method of cultivation and cropping for the destruction of ox-eye daisy.
8. A method of cultivation and cropping for the suppression of field bindweed or wild morning glory. (Requires two years to complete.)
9. A method of cultivation and cropping for the eradication of wild oats. (Requires two years to complete.)
10. A method of cultivation for the destruction of chess.

Those who are troubled with any of these bad weeds are invited to write to the Director of Co-operative Experiments in Weed Eradication, Ontario Agricultural College, Guelph, Ont. He will be glad to furnish full information concerning these experiments and to supply application blanks for the same. All experimenters will be supplied with full and detailed instructions for carrying out the experiments selected, and with blank forms on which to report the results of the same. All interested in clean farming are asked to co-operate in this work. Address all communications to J. E. Howitt, Ontario Agricultural College, Guelph.