



THE JOURNAL OF AGRICULTURE AND HORTICULTURE

VOL. 2. No. 22

This Journal replaces the former "Journal of Agriculture," and is delivered free to all members of Farmers' Clubs.

MAY 15, 1899

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Journal of Agriculture and Horticulture

THE JOURNAL OF AGRICULTURE AND HORTICULTURE is the official organ of the Council of Agriculture of the Province of Quebec. It is issued bi-monthly and is designed to include not only in name, but in fact, anything concerned with Agriculture and Stock-Raising, Horticulture etc. All matters relating to the reading columns of the Journal must be addressed to Arthur R. Jester Esq., Editor of the JOURNAL OF AGRICULTURE AND HORTICULTURE, 4 Lincoln Avenue, Montreal. For RATES of advertisements, etc., address the Publishers

LA PATRIE PUBLISHING CO.,
77, 79 & 81 St. James St., Montreal.
Subscription: \$1.00 per Annum payable in advance.

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Notes by the Way.

Lime.—Farmers are complaining of the high prices charged for lime, and, in our opinion, with considerable reason. In another part of this number, p. 526, it will be found that the experimenters Messrs. Roy and St Pierre had to pay \$1.80 to \$1.35 a barrel for that *'mendment'*, and carriage, probably, besides, making the cost per bushel, about 45 cents. Now, as on heavy land, 120 bushels is a very moderate dressing for an acre, the cost of such a dose, viz. \$54.00, must be utterly out of the question for any of our farmers to afford. And why lime should be such a price here, when in the neighborhood of London, Eng., it can be bought for 12 cents a bushel, it would puzzle any one to say.

Benefits of lime.—Carbonate of lime is a wonderful *mechanical* improver of heavy land. It preserves the particles of clay in a separated coagulated condition, thereby making heavy soils friable and pervious to water. It enables clay to exercise its absorbent power on various salts, which would otherwise escape its action. It also promotes the decomposition of vegetable matter, and the formation of nitrates in the soil.

Burnt-lime is the substance usually employed on the farm, except in certain localities within easy reach of marl-beds. In Norfolk, Eng., the use of marl in heavy doses, in the early part of the century, completely altered the character of the land, converting farms that used to produce 20 to 25 bushels of rye to the acre into rich land yielding from 32 to 40 bushels of wheat an acre; the rent paid on many of the farms was raised from 5s. to 35s., i. e., from \$1.25 to \$8.75 on the