

of two bushels of seed per acre. To secure a full crop of flax, a top-dressing of two bushels of house ashes, one of salt and plaster, were sown upon the young flax plants when the crop was about two inches above the surface of the ground. The flax crop yielded twenty bushels of seed, five hundred pounds of clean marketable flax, and three hundred pounds of swingling tow per acre. The flax seed was sold for four shillings per bushel, the flax for five pence per pound, and the tow for eleven shillings and three pence per hundred pounds. The flax crop yielded a product which brought in the market a fraction above sixteen pounds per acre, and although it was mostly prepared for market by hand-machinery, it yielded a net profit of eight pounds per acre, which was about the value of the land upon which the crop was grown. As soon as the flax was removed off the land, it was ploughed deeply and sown with wheat, upon one furrow, on the 16th of September, 1845. Although the piece of land in question was the last sown of a crop of fifty acres, it ripened six days earlier than any other portion, and was not injured with the rust. The straw was light in comparison to some other portions of the crop, but it was considered quite heavy enough by good judges, and yielded twenty five bushels of superior wheat per acre.—The grain was of such a superior quality, that the whole of it was sold for seed. This may be thought by some to be an extreme case of productiveness, and an over-rated profit for farming, but instead of it actually being so, the flax crop might have been made to produce twenty-five bushels of seed and six hundred pounds of clean flax per acre; and the wheat crop might have been so managed as to have produced forty bushels of wheat per acre. Those who believe that the success of getting large and profitable crops from land, is the result of a mere matter of chance, will doubt the whole of this statement; but many sensible men have lately given the business of agriculture their serious consideration, and have made it a point to look into the causes which produce

extraordinary results in cropping land; and all who have taken the trouble to do this, will readily understand what is meant by decreasing the costs of growing grain, and at the same time increase the productiveness of the soil. Scores of farmers through the various sections of Western Canada, since they have practiced an enlightened system of cultivation, no longer find it difficult to grow full average paying crops of grain.—The great thing after all is, to induce the farmers of Canada in general to adopt a system of managing their lands by which they need not fear any competition from the farmers of other countries. It must be clear to every sensible mind, that a system of management that would be well adapted on some soils, would not answer the purpose on others. In order that this question should be clearly understood, those who have cultivated the soil with a view of making a livelihood and increasing their worldly goods, must study the principles which govern the vegetable kingdom, and must do like men of other professions.—prize knowledge highly, and strive, if possible, to excel in every thing that is good and commendable in their respectable and independent calling.

THE PROVINCIAL ADVERTISER.—The first number of the *Provincial Advertiser* has been unavoidably delayed, but the publisher anticipates that it will be mailed by the 18th inst.

\* \* A communication on the important subject of speedily establishing Agricultural Clubs, has been received, and shall appear in the February number.

*Remedy for Lockjaw.*—We would state, for the benefit of those afflicted with this disease, that a common cent, or a piece of copper bound firmly upon the wounded part, and in actual contact with it, will cause almost immediate and entire relief and cause the wound to speedily heal, whether it be made by rusty nail, steel instrument, splinter, or any other cause, either in the foot, hand or other part of the body.—Rusty or tarnish copper is preferable to bright copper, though either will answer.