



Published under direction of the Board of Agriculture of Nova Scotia.

*Omniū rerū, ex quibus aliquid acquiritur, nihil est agriculturā melius, nihil uberius, nihil homine libero dignius.—Cicero: de Officiis, lib. I, cap. 42.*

VOL. IV.

HALIFAX, N. S., APRIL, 1880.

No. 4.

HALIFAX, 10th April, 1880.

The publication of the **NEW REGISTER OF THOROUGHBRED CATTLE** will be commenced in next number of this **JOURNAL**. As the publication of pedigrees will be continued monthly, and will not be repeated in any case, breeders are requested to file their copies of the **JOURNAL** carefully, for after reference. It is probable that sets of the **JOURNAL** will become very scarce and valuable, as the only available Record of our Thoroughbred Stock.

The publication of *Annual Lists of Thoroughbred Cattle for Exhibition purposes* has not proved satisfactory, and will be discontinued.

THE Board has made arrangements for importing a quantity of Sugar Beet Seed for the use of Members of Societies who may wish to give the Beet a trial.

Forms of Application for the Registration of Thoroughbred Stock in the **New Register** have been printed, and may be obtained on application to the Secretary of the Board. Transfer Certificates have also been printed, and may be obtained in the same way. No application for registration or transfer can, under any circumstances, be received except upon the prescribed printed form. The Secretary's instructions are pre-emptory to return

all applications not made on the proper forms. These forms are to be pasted in order in a book, and, being uniform in every way, will constitute the permanent record. From this explanation it will be obvious that letters, post cards and such like documents, however full and explanatory they may be, cannot be received as entries in the **New Register**.

It is proposed to make an Importation of Stock from England this season. We shall be glad to receive from breeders any suggestions they have to offer.

THE SUGAR CROP OF NOVA SCOTIA.—It will be seen by advertisement that the Central Board of Agriculture has imported half a ton of new and fresh seed of the Imperial Sugar Beet of Germany, for the use of Agricultural Societies. Messrs. E. & S. Smith, of Bellfield Farm, Windsor, lately sent a quantity of last Fall's crop of roots, raised on their farm, to the laboratory of Dalhousie College, where they were worked up by the Agricultural Class. Thirty lbs. of the root yielded 3 lbs. 2½ ozs. of the most concentrated syrup (not counting waste), which, for want of proper appliances, is not yet crystallized. This is equal to a yield of ten per cent. of sugar on the gross weight of roots, which is

more than is usually obtained in the factories. There can be no longer any doubt of the feasibility of producing sugar in Nova Scotia to any extent that may be necessary.

THE percentage of Sugar obtained from Messrs. E. & S. Smith's Sugar Beets, grown at Windsor, is equal to two tons of Sugar per acre, and this may be increased considerably by improved cultivation. The poorest acre of land in Nova Scotia may readily be made to yield its two tons of Sugar. All Sugar produced will necessarily have to go to the Sugar Refinery to make it fit for market.

#### CENTRAL BOARD OF AGRICULTURE

COMMITTEE ROOM, PROVINCIAL LIBRARY, March 23, 1880. }

Present—Hon. Hector F. McDougall, M. E. C.; Col. Laurie, for District No. 1; Jonathan Rand, for District No. 2; Chas. E. Brown, for District No. 3; David Matheson, for District No. 5; John Ross, for District No. 6; Professor Lawson.

The proclamation of His Honor the Lieut.-Governor in Council, appointing the members of, and constituting the Central Board of Agriculture, having been read, it was moved by Mr. Ross, seconded by Hon. Hector F. McDougall, that Colonel