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*Omnium rerum, ex quibus aliquid acquiritur, nihil est agriculturæ melius, nihil uberius, nihil homine libero dignius.—Cicero : de Officiis, lib. I, cap. 42.*

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WHEN the PRIZE LIST OF THE PROVINCIAL EXHIBITION AT KENTVILLE comes to hand we shall issue a *Supplementary Number* of the *Journal* with a reprint of it.

MANGEL WURZEL is a crop that is increasing in favour immensely in Europe, under high cultivation. As we improve and enrich our fields, it will also become better known and appreciated with us. It appears that it does not succeed in stiff soils. Such lands are, in fact, unfitted for all kinds of root cultivation, strictly speaking. The preparation of the land is critical and expensive, the results dubious, and the after-effects upon the succeeding crop unsatisfactory.

On lighter clays root cultivation may, to a limited extent, be carried on to a profit. But, in such soils the writer of this article in the *Agricultural Gazette* suggests these present remarks of the writer, points out the superiority of "Horse Beans" to Mangels. The bean (he says) grows in clay, and does not mind a sour soil.

It yields, in straw and corn, dry weight equal in value to that contained in 10 tons of mangels, and it leaves the soil in better condition for a cereal grain.

It is cheaper grown and more readily turned into money. Now what are HORSE BEANS? The grain here referred to is not the semi-tropical crop known in America as "bush beans" or "pole beans," or "white beans," or "cowpeas," and a hundred other names, but a totally different plant, with a stout stem, robust habit, easy cultivation, and of the highest nutritious quality. It approaches in appearance and

style, the "broad Windsor beans," the "long pod beans" of gardens, but belongs to a species quite different even from these. It is the *Faba vulgaris*, or, more strictly, the *Faba equina*, of botanists,—the *Horse Bean* of Scotch Farmers, originally believed to be a native of Egypt, but known and grown and fed upon by the Britons, before they were visited by the Romans. It is a crop that is entirely unknown on the American Continent, except in the Province of Nova Scotia, where it has been grown by only a few persons. The solitary sample of Horse Beans at the Centennial Exhibition at Philadelphia, was from Annapolis, Nova Scotia. The reason of this is easily discovered. The plant will grow, but will not produce its grain, either in the United States or Ontario. It is essentially a maritime plant; it requires the comparatively cool moist air from the sea to keep it in health and vigour. Our readers will perceive that this is a crop peculiarly deserving of attention in this Province. That it grows quite as well here as in Scotland we can testify from having raised it year after year, and it has likewise been grown with success by Mr. McKinlay, at Sunnyside, Dutch Village, by Mr. C. B. Whitman, Bridgetown, Annapolis, who gained first prize at the Provincial Exhibition of 1872, and by Mr. T. B. Smith, who took the prize at Truro last year. Who the other three entries of Horse Beans were made by last year we do not know.

Horse Beans are valued in Scotland above every other kind of feed for working horses, and they merely require to be

known in America, to attain an unlimited demand.

The gray HORSE PEA is usually grown with the Bean in Scotland. We do not know whether any one is growing it this year, although a prize is offered for it at the Kentville Provincial Exhibition. We fear the Prize List has not been issued in time to induce competition.

We observe by a notice in the *Colchester Sun*, that Prize Lists of the Colchester County Agricultural and Industrial Exhibition can be obtained from Amos McCully, DeBert; Thomas Lindsay, Ingonish; G. V. McLellan, Central Economy; Amos Fountain, Great Village; Isaac Fleming and D. F. Layton, Folly; Chas. Loughhead, Clifton; Robert Putnam, Fort Belcher. Robt. McLeod, Economy; George Fulton and E. B. Dickie, Upper Stewiacke; James Putnam, Lower Stewiacke; J. B. Fraser, Shubenacadie; Nelson & Blair, New Annapolis; W. A. Patterson, Tatamagouche; Chas. L. Marsh, Eurltown; the Secretaries of the Agricultural Societies in the County, and in Truro from D. H. Smith & Co., J. L. Baxter, Blair and Cutten, and at the *Sun* office. Entry Certificates, in a week or two, can also be obtained from the same persons.

The Competition is thrown open to the whole Province. We hear that some of the leading breeders of thorough-bred stock in other Counties intend to accept the liberal invitation of the Colchester farmers to compete for their County prizes.