

POTATO MOULDING.—A few years since, I stated the results of experiments I had then for several years made, in order to ascertain the utility or otherwise of the system so universally practiced of moulding potatoes; and if I was then partly convinced of the inutility, if not injury, of moulding, that conviction is now fully confirmed, after ten years experience on a soil of mediocrity, neither wet nor dry, rich nor poor. I then stated to this effect:—"I am at a loss to know, why ridge up the rows like a roof of a building, the leaves acting as tiles, assisting to throw the genial summer showers off into the furrows, where it cannot benefit the plants, being below the spongioses, or roots?" Piling up the earth thus, causing the production of other roots, and throwing those already formed below out of office, and thereby unnecessarily exhausting the plants, much time is thus lost, and nature plainly indicates the error of very deep planting or moulding, which, together with hoeing, is generally left so long that many of the tender succulent roots are broken, to the serious injury of the crop. Thus, in the culture of this most essential root, the result of my experience induces me to conclude the moulding a loss of time, and a decided injury to the crop, which, to the poor man, for whose benefit principally I write, certainly is an object. I leave the land level, allowing the roots to extend on all sides within the influence of sun and air. I plant the tubers whole, a little deeper than is generally done, forking the soil for a time (the spade being improper for that purpose) and the weeds, of course, are kept down.—*Wm. Godsall in the Hereford Times.*

MANGEL WURTZEL.—This is a species of the beet root, and may be cultivated as a field crop to a limited extent, with much advantage. Horned cattle are very partial to this root. The culture is so nearly similar to that of turnips, that very little further detail than what should be given for the latter is necessary. The ground, as for turnips, should be drilled, and it should be ploughed very deep, and heavily manured, with a rich vegetable compost. The most usual, and perhaps the best method of sowing the seed, is to put it in with a dibble, upon ridges twenty-four inches apart, each seed being deposited one and a half inch in depth, and twelve inches distance in the drill.

The advantages which this crop possesses over the turnip, are these:—It is less liable to receive injury from the fly or grub; it will produce more weight of tubers from a given piece of ground; it is a better spring food for stock, and will produce a considerably greater amount of flesh than swedes, from a given weight of tubers.

Although neither mangel wurtzel nor turnips can be so profitably grown in this country to the same extent that they are grown in Britain; still every farmer might profitably cultivate far more than are grown at present.

ENGLISH AGRICULTURE.—England presents at this time a more brilliant example than any age or country has before witnessed of the application, I will not say of science, for that would not comprehend the idea which I wish to express, but the application of mind to agriculture. The practice of agriculture, and the philosophy of agriculture, are matters of universal interest. Men of all grades and conditions are labouring in this great cause, and are asking for the how, and the why, and the wherefore. The brightest intellects are directing their talents to agricultural inquiries; and the humblest in their humble, but not inefficient way, are

seconding their efforts. So many minds concentrating their rays upon the same point, they must be sure to illuminate with an extraordinary brilliancy. Agriculture is now getting to be recognized as the commanding interest of the state; so it must ever be as lying at the foundation of all others. Few persons are apprised of their obligations to agriculture; and it is difficult to estimate the extent of these obligations. Every man's daily bread, his meat, his clothing, his shelter, his luxuries, all come from the earth. The foundation, or as the French would say, the *materiel* of all commerce and manufactures, is agriculture; and its moral influences are innumerable and most powerful.—*Colman's Agricultural Tour.*

A CATTLE SHOW AND FAIR

IS to be held at M'Lean's in Maugerville, on Tuesday, the 8th day of October next, at 10 o'clock in the forenoon, when the following *Premiums* are offered for the following *Stock*, viz:—

For the best BULL, of any age,	£1 0 0
For the second do. do.	0 15 0
For the third do. do.	0 10 0
For the best COW,	0 15 0
For the second do. do.	0 12 6
For the third do. do.	0 10 0
For the best RAM,	0 15 0
For the second do. do.	0 10 0
For the best BOAR,	0 15 0
For the second do. do.	0 10 0

And for Domestic Manufacture, viz:—

10 Yards best Homespun Fulled Cloth,	£0 12 6
Second best do. do. do.	0 10 0
10 Yards best Homespun plain Woollen Cloth,	
either coloured, figured, or white,	0 10 0
Second do. do. do.	0 7 6
12 Pairs of best Mittens,	0 5 0
12 do. do. Socks,	0 5 0
6 Best hand Hay Rakes,	0 6 0
6 Best Hay Forks, with handles,	0 7 6
6 Best Manure Forks,	0 10 0

And for the best sample of Produce, viz:—

Best quantity and quality of Indian Corn, from a quarter of an Acre,	£1 0 0
Second, do. do. do.	0 15 0
Third do. do. do.	0 10 0
Best of Potatoes, from half an Acre,	0 15 0
second do. do.	0 10 0
third do. do.	0 5 0
Best quantity and quality of Turnips, from a quarter of an Acre,	0 15 0
second do. do. do.	0 10 0
third do. do. do.	0 5 0
20 lb. Clover seed,	1 0 0
second do.	0 10 0
2 bushels of the best Timothy seed,	1 0 0
second do.	0 15 0
third do.	0 10 0

No animal or article exhibited to be entitled to a Premium unless considered worthy of such.

All animals and articles exhibited for a Premium are to be owned by the members of the "Sunbury Agricultural Society," and to be marked by a number attached them previous to the exhibition; the number and name of the owner to be kept by the Secretary.

Persons competing for produce and fulled cloth, to acquaint the Secretary on the day of the cattle show, and be prepared to satisfy the Judges on the last Saturday in December.

CALVIN L. HATHEWAY.

Sec'y & Treasurer.

Sunbury, May 24, 1814.

BOOTS AND SHOES

FOR COUNTRY WEAR.

THE Subscriber has just received a large lot of Men's, Women's, Girl's, Boy's, and Children's strong BOOTS and SHOES, suitable for Country wear, for sale at very low prices for Cash, at

FOSTER'S Cheap Shoe Store,
Queen Street,

Fredericton, June 11, 1811.