

rich soil it is apt to grow too luxuriantly, and to be laid down by its own weight—to produce plenty of straw, but it is deficient and poor grain. On exhausted soils it may therefore be cultivated, for ploughing down as a manure, with some advantage.

Quantity of Seed.—Five to six pecks per acre are amply sufficient. About the 10th of June is a proper time for sowing; but it is believed that it will come to maturity if sown any time during the month of June, which is an advantage it has over most of the other cereals. For ploughing down, it may be sown even in the beginning of July.

Its Uses.—This plant has been cultivated in some parts of the old world for a very lengthened period; and it is known almost in every part of it. In some countries it has met with very little favor, while in some parts of continental Europe, it is one of the chief articles of food used by the inhabitants. Its leaves and stalks are useful as provender for cattle, and its grain is well adapted for feeding poultry, who thrive well on it. Cows relish it, and give a good supply of milk when partly fed on it. To horses it is generally given in a bruised state—and in that way some people allege it will go farther than oats. On these points we are somewhat sceptical, and would give the preference to oats or Indian corn over this grain. One of its uses has already been hinted at, viz: ploughing it down as a manure. This ought to be done when it comes into bloom in July, when the sap is still in the leaves; but if you are a lover of bees, you may perhaps be inclined to delay your operations till the blossom is nearly faded—as bees are known to be fond of, and to derive much honey from, the flowers. These, however, bloom and fade successively for a long time.

The flour of this grain, when used as food for man, is generally made into cakes—the mode of preparing which is already described in the *Cultivator*. These cakes are relished by some for a change, but are not at all to be compared to those made from fine Indian meal.

An objection to the cultivation of buckwheat is, its great tendency to grow spontaneously year after year, in the soil, when once introduced, and the consequent difficulty and trouble of eradicating it from among other plants.

CANADA FARMER AND OURSELVES.

In the April number of the above paper, the *learned editors* have thought proper to make *three* most unwarrantable attacks upon us; and indeed their short career has been pointedly marked with a factious spirit of opposition to the conductor of this magazine, which strangely and strongly contrasts with the spirit which we have, both in private and public, manifested towards them. For the information of these editors and our readers, we would state, that we print an edition of Eleven Thousand copies of the *Cultivator*, and as it has now become a Standard Work, we do not feel disposed to pollute its columns or annoy our readers with a newspaper controversy, and shall publish nothing but substantial and interesting information, which may be read with as much interest and profit ten years hence as at the present time. We beg also to refer these editors to the advice contained in another column of the *Cultivator*—and with that remark *we have done with them*.

Hall's Patent Brick Machine.

These machines are now on sale at our Agricultural Warehouse, and may be seen in operation at Mr. St. George Scarlett's brick-yard, five miles west of Toronto, and also at the yard of Mr. Freed of Dundas, and Mr. Falkner of Hamilton. There are seven of them employed in Montreal, and three in Quebec, all worked by Mr. Adams. They fully equal the high character given them by our contemporary the *N. Y. Farmer & Mechanic*. They will mould in a most expeditious and perfect manner, both draining and floor tile; and one man can mould in a day of 12 hours, from twelve to fourteen thousand bricks. Brick manufactured by this machine has a smoother surface than even stock brick, and will command the highest price in the market. Persons desirous of purchasing, will order through us or our agents. Price, £31 5s. cash, or approved paper due in 90 days from date.