

dition as possible. One was treated as the average Vermont farmer feeds his cattle, feeding to it 3 lb. of grain and 20 lb. of hay daily, in an open shed, with a run in the yard. Another lot was kept in a warm stable, having precisely the same ration, and in addition a peck of mangels. The third lot was fed under cover, with 70 lb. of ensilage and the same quantity of grain. The temperature of the animals in the latter two lots was recorded daily. That of the hay fed lot varied, that of those eating ensilage rarely did so: and their coats had a healthy sheen that the others wanted. A Boston dealer came in the spring to buy cattle for shipping. He offered 6 cents per lb. for fifty out of ninety: to be weighed in the morning before feeding. His offer was taken. In the fifty selected all the ensilage-fed were included. For the balance the hay-fed stabled lot were culled; and he refused to take the remainder at five cents per lb.

"Now as to the cost of the winter's feeding. Reckoning in dollars, all the food at the current prices—*i. e.*, grain at 22, hay at 10, ensilage at 1½ per ton with mangels at 25 cents per bushel. No 1 (the lot fed in the yard) cost about 12 cents per day; No 2 the hay-fed 18 cents per day; and No 3 the ensilage-fed 16½ cents per day. No 1 did not improve at all in quality, were at the end rather poorer than at first. They increased in weight at the rate of 2½ per cent. No 2 increased 8½ per cent in weight and 20 per cent in quality. No 3 gained in weight 11½ per cent and improved 25 per cent in quality. "We have acted on this experiment five or six years. We find that ensilage-feeding means an economy of 6 dollars per head for winter feeding. I buy animals in the fall of the year at about 2½ dollars. I turn them out fat in May and June at about 60 dollars. In this way I feed out all the poor hay and ensilage and sell the best hay at the highest market price, and accumulate a large volume of manures to put back on the farm. Is it possible to keep up a farm except the greater part of the fertilisers is produced upon the farm, which can only be done by maintaining a heavy stock of animals?" Among other things said in the discussion was that a silo had been sealed up for eight years; and on being opened the silage was found to be not worse but better than it had been when only six months old. The ideal crop to fill a silo was said to be maize, the seed being obtained yearly from one of the Southern States. The Virginia Horsetooth was said to be a good variety; and that planting should be done at intervals of week apart. The ground should be rich, the rows 3½ ft. apart, the seed sown thinly in the rows at not more than a bushel per acre. That the horse-hoe should be kept at work as long as the horses could move between the rows: and the crop should be cut as soon as (but not before) the corn in the ear begins to glaze. G.

Extraordinary Potatoes.

A priest, a great lover of agriculture, has brought us a sample of potatoes, of its own growing, the sets of which cost him \$4.00 a bushel. These potatoes are excellent in every respect. We have had some of them cooked and can testify that they are of the finest quality. Their shape is perfect. In fact this new variety, which will be designated in future as *Syndicate No. 1*, may be considered from all points of view as a most valuable acquisition.

This variety yielded 400 bushels *an arpent*, on two arpents planted, and without any unusual cost of cultivation. We are convinced that in a good potato-year, this yield may be increased by taking every possible care.

In order to increase the diffusion of this excellent variety, we have made the necessary arrangements for its distribution at a dollar a bushel, sack included, delivered at Quebec. Our correspondent will address them properly, and put them on the cars or steam-boats going to Quebec, without additional

charge. Orders may be addressed to us, *with the price by post-office—or registered letter*, and we will take up in ourselves to see to their despatch.

Orders will be executed as soon as navigation opens, but we advise those of our readers who wish to try this new variety to give their orders as soon as possible, since the quantity for sale is not large. First come, first served.

(From the French).

ED. A. BARNARD.

Choice seed for sale.

We request our correspondents who have choice seed for sale—of any description—to have the kindness to send us samples, and to give us all necessary explanations about them, in order that we may give our readers due notice of where they are to be obtained.

(From the French).

ED. A. BARNARD.

NON-OFFICIAL PART.

Health in Herbs.

Health-giving herbs, barks, roots, and berries are carefully combined in Burdock Blood Bitters, which regulate the secretions, purify the blood and renovate and strengthen the entire system. Price, \$1 a bottle, 6 for \$5. Less than 1 cent a dose.

Mothers and Nurses.

All who have the care of children should know that Dr. Fowler's Extract of Wild Strawberry may be confidently depended on to cure all summer complaints, diarrhoea, dysentery, cramps, colic, cholera infantum, cholera morbus, canker, &c., in children or adults.

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Forewarned is Forearmed.

Many of the worst attacks of cholera morbus, cramps, dysentery, colic, &c., come suddenly in the night and speedy and prompt means must be used against them. Dr. Fowler's Extract of Wild Strawberry is the remedy. Keep it at hand for emergencies. *It never fails to cure or relieve,*