

ard, awaken to new melody in Temperance hall; and Scotland, land of my fathers, wilt thou not quit unnatural excitement, and seek for refreshment amid the fresh breezes of thy heathy mountains—wilt thou not make the white banner of Temperance wave side by side with the blue banner of the Covenant?"

Mr. Editor, should this brief discourse do ought to advance a cause that should be dear to the heart of every patriot philanthropist and Christian, I may again appear before the great congregation, giving you the honor of being interpreter.

W. GRAHAM.

PLEDGE BOOK MONTREAL TEMPERANCE SOCIETY.

The individual who borrowed the above book to be returned in a day or two, will confer a favor by returning it immediately.

NOTICE TO CORRESPONDENTS.

The poetry and music from J. G., Quebec, have been under consideration, but are unsuitable in their present state.

A synopsis of our communications received in the month of December was in course of preparation, but must lie over till our next number.

Agriculture.

Cutting Potatoes for Seed.

A few years ago I planted twenty-one large potatoes, for experiment, dividing them into three equal parts. I cut seven, separating every eye, quartered seven, and left seven whole, and planted them side by side—each seven in a drill by themselves. The more they were cut, the longer drill they made. The first thing observed was, from the whole potatoes came up fifty-two vines, from the quartered seventy-four, and from the last seven a hundred and four vines. In the second place, I observed that the vines produced by the whole seed were mostly large ones, while those quartered produced more small vines, and the last producing some vines as large to look at as the first and second, and a great many besides that were very small. The third observation was when they were taken out of the ground; the potatoes were found in bulk and proportion as near like the vines as one could judge with the eye; thus the whole seed produced the least in bulk, but having very few small ones; and the more the seed was cut, the more it produced in bulk, and the more small potatoes. Since that time I have frequently heard farmers differ in their opinion whether or not potatoes should be cut for seed. I have cut for seed, and have feared lest my time was lost, and the seed damaged; so this year I tried again the experiment of cutting. I took twenty-one potatoes as before, planted seven whole in seven hills; quartered seven, of which I made five hills; separated every eye of seven, and planted in nine hills. (But this year I took small potatoes, having only from five to seven eyes each, so that quartering nearly separated every eye.) The whole seed produced thirty-four vines, and 18 lbs. 14 oz. of potatoes; the quartered seed fifty vines, and 13 lbs. 2 oz. of potatoes; the seed cut fine, seventy-three vines, and 16 lbs. 6 oz. of potatoes. There are on potatoes small germinating spots, from which sometimes come small spindling vines, and

it would be easy to suppose that it was them that produced the small potatoes I found in my experiment several years ago, and that caused the cut seed to produce more in bulk than the whole seed, as it would appear too that cutting the seed caused them to grow, as they did not grow in the whole seed. In my experiment this year, I proved the same thing in the vines that I did before, the cut seed producing a larger proportion of small vines, but why the potatoes did not appear in proportion like the vines, I cannot tell; but I noticed in pulling the vines this year, that the most of the small ones produced only small sets, not to call potatoes—while the potatoes were large, and those of the whole seed the largest of the whole, and weighed the most. It needs more trial.

WILLIAM ROOPE.

MONTREAL WHOLESALE PRICES CURRENT

(Compiled for Montreal Witness, Wednesday, 12th January, 1853.)

FLOUR—The market has not been affected by the news received this morning. The price of superfine No. 1 remains at 26s to 26s 3d, with no transactions of consequence to report. The chief stock is now in very few hands, who are unwilling to sell at these prices; but for such small lots as are offered, more cannot be obtained.

OATMEAL very scarce, and held at higher rates.

WHEAT, BARLEY, PEASE AND OATS.—There is nothing doing in grain, on account of the want of winter roads.

ASHES.—Receipts of both sorts very light for the same reason. The few barrels that come in are bought at 24s 6d to 24s 9d for Pots, and 26s to 26s 3d for Pearls.

PORK, in the carcass, is bought with avidity at \$7 for ordinary sizes. Very prime lots of heavy hogs have brought \$7½, and small hogs sell at \$6½ per 100 lbs. No transactions in barrel pork worth noting.

LIVE STOCK.—Cattle bring from \$1½ to \$6½ per 100 lbs. Sheep bring from 10s to 35s each, according to quality. Such as weigh 18 lbs per quarter bring about \$6. Hay from \$9½ to \$10½ per 100 bundles, according to quality.

BUTTER is coming in in small quantities, and brings 10d in tins, which is a shade lower. Prime lots would bring a little more.

STOCKS.—Montreal Bank is in demand at 20 per cent prem. City Bank is saleable at par and interest, and Commercial Bank at 8 per cent prem. There is £80,000 of new stock of this institution now in the market, which is offered at 8 per cent prem to stockholders, and 10 per cent to others. People's Bank is enquired for at 10 per cent discount, but if any were offering, it would probably command a higher price.

MONTREAL MINING STOCK enquired for, but there are no sellers. St. Lawrence and Atlantic R R—Sales at 22½ per cent discount.

EXCHANGE.—For last packet, the bank rate was unsettled, and sales were made from 11 down to 10½ per cent for 60 days' bills on London. Very little private exchange offering.

IRON.—Canada plates, 20s; Cut nails, 22s 6d to 25s; Common bars, 14s to 15s; Refined do, 18s per cwt.

MUSCOVADO SUGAR.—Good to Bright, 40s to 43s 9d per cwt.

MOLASSES.—1s 8d to 1s 9d per gallon.

TABLE COPPER.—17s 6d to 20s.

RICE.—20s to 25s per 100 lbs.

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