

THE AGRICULTURAL EMPORIUM.

The business of this establishment is rapidly increasing. We have demands for good stock in excess of the supply. Machinery is now being sent to various parts of the Dominion. The feed mills are in demand now, and are cheap, easily worked, and are giving satisfaction. They will pay you if you have a horse-power, and intend feeding 200 bushels of grain. To our subscribers that really are farmers, we say, sell your ten horse-power threshing machines. The Little Giant threshers are doing better work, are cheap, and you need not be in so much danger of filling your land with foul seeds. They are portable, are set on two wheels, and we feel satisfied they are destined to drive the large, expensive machines off the track, to a very great extent. Send your orders for them in time.

We now have two kinds of Corn Shellers, one at \$5, the other at \$10. The \$5 machine is for shelling in small quantities, the \$10 one is for putting it through in a hurry. We commend the large one, as we are sure it will satisfy you. The demand for both is such, that we cannot procure them as fast as we want them.

If any of our subscribers have any, or know of any really good seed grain, please forward us a sample and particulars about it, price, quantity &c., as we shall require more than we can now command. We will pay the highest price procurable in Canada, for really good seed. Our price list of seed grain will be published in a proper time, as soon as arrangements are completed.

NOTICE.

Any person can act as Agent, by getting up Clubs for our paper where they are known. We can also allow them a commission in obtaining advertisements of farms for sale or stock, or agricultural seeds, or implements, also for orders obtained for things that may be for sale at the Emporium.

Should any person wish to canvass any Township where they are not known, they should write to us to be appointed agent, and send us letters of recommendation, signed by one Councilman and a Postmaster, where they desire to act, as a guarantee of good faith. They must make weekly returns. No agent will be appointed for a longer time than one month without special arrangements with this office. All agents must show a printed document, fully signed by us, and not giving authority over one month from date. We hear that one person has already been deceiving our patrons. If any of you can detect one attempting such fraud we hope you will bring him before some magistrate, and assist us in his conviction. If you wish to act as agent, and are ready to go to work, send your letters

of recommendation as security for your efficiency, and name the Township you wish to canvass in first. Take but one at a time and do that well. We will then appoint you to others, if not taken up. You can make money for yourself and benefit us.

Girls, one of you, and one of your neighbors daughters, just try it and gain one of the prizes. You will not regret it. Some of you will gain these handsome prizes. You have but to the 20th of December to make your return to this office.

R. L. Dennison writes, the Deil wheat has produced from 40 to 50 bushels in two or three places in my neighborhood, and a friend of mine has put in 100 acres. He from whom I got my seed had 300 bushels from seven acres.

A young woman being asked by a boring politician which party she was most in favor of, replied that she preferred a wedding party.

DRAINING.

Draining may now be done, as the frost has not yet bound up the earth. Open up the surface to the depth of 2 and 2½ inches with a plough. Throw out the earth, and you will have no difficulty to break the light crust that will form below, especially if you have a few loads of straw to spare to throw into the ditch. You have more time to spare for such work now than at any other season, and labor is cheaper. If you have drain tiles they can as well be laid in deep drains now as at any other time. In speaking of ditching machines at the New York State Fair, although some of our readers complain that we bring the American modes too much before the notice of Canadians, still we go in for improvement, and if we can gain by introducing like labor-saving machines, why should people complain of our taking notice of our cousins across the lines. We saw this machine at work, and consider it the best working ditching machine we have seen, and believe it would pay to import them where much ditching is done. We may have people going round with ditching machines as with threshing machines:

It is chiefly made of wood and is very strong and durable. It is operated by four horses, who perform the work with ease to themselves, and who travel in a circle. It is connected with an anchor at the farther end of the ditch, by iron rods, to which a flexible chain is attached, by means of which the machine is drawn forward by the action of its own machinery. The capstain and bridge are also propelled forward simultaneously with the machine by the action of the same mechanical devices.

The ditch is excavated throughout its entire depth by a single stroke of a chisel, which

beginning at the bottom of the ditch, moves upward with a circular sweep, and deposits its load in front of the cutting. A vibrating scraper which removes the earth deposits it alternately on either side of the ditch, at a sufficient distance from the side to prevent all danger of falling back. As the chisel rises it is met by the scraper, which effectually removes the earth from it however tenacious it may be. The reciprocating motion of the chisel is caused by an ingenious arrangement of adjustable cams on the capstain wheel acting upon it through flexible chains. The depth of the ditch is regulated by a windlass, which may be operated at pleasure while the machine is in motion.

It excavated the ditch, during the trial, at the rate of thirty-nine feet in nine and a half minutes, and was worked by two men. Weight 2,500 lbs., including capstain and bridge. Price \$200.

We think this machine is a great practical success, and better adapted to the wants of American farmers than anything that has ever been presented at our Fairs, and as such we cordially commend it to their notice. We think it superior to its competitor because it leaves the bottom of the ditch smooth, firm and even, with the original earth undisturbed. Its cost is less than half. Its durability is, in our judgment, equal to the other, but on this point we may possibly be mistaken. It seems to require less force to operate it. The only point in which it may be considered inferior to the other is on the score of portability.

The size of the ditch cut was ten inches wide at top, eight inches wide at bottom, and two and a half feet deep.

The soil upon which the experiments were tried consisted on the top, for about four inches, of a dark carbonaceous loamy soil, and for the remaining depth of a tough tenacious clay in a moist condition.

THE WAY TO OBTAIN SUBSCRIBERS.

Go first to the most intelligent and enterprising farmers, and other leading gentlemen, in your neighborhood, and say that you are obtaining subscribers for the "Farmer's Advocate," which paper is edited by a farmer, for the purpose of advocating the interests of farmers, and establishing the Agricultural Emporium. The Emporium is for distributing the best kinds of seeds, stock and implements; the test farm is carried on in connection with this paper. No less than 23 varieties of fall wheat are being proved at the present time; the newest and best varieties of spring wheat, oats, and peas are tried. The Early Rose, Australian, Goodrich, and other kinds of potatoes are raised on the farm; the best horse in Canada, and other superior stock is kept there; seeds are imported from Australia, Europe and the States, and the best procureable in Canada are assembled there,