

THE FARMER'S ADVOCATE

—AND—

HOME MAGAZINE.

WILLIAM WELD, Editor and Proprietor.

The Leading Agricultural Journal Published in the Dominion.

The FARMER'S ADVOCATE is published on or about the 1st of each month. Is impartial and independent of all classes or parties, handsomely illustrated with original engravings, and furnishes the most profitable, practical and reliable information for farmers, dairymen, gardeners or stockmen, of any publication in Canada.

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RENEW AT ONCE

Our Monthly Prize Essays.

Our prize of \$5.00 for the best original essay on *How Should the Farmer Proceed to Improve his Dairy Herd (1) for Butter; (2) for Cheese?* has been awarded to Mr. Stanley Mills, Hamilton, Ont. The essay appears in this issue.

A prize of \$5.00 will be given for the best original essay on *Small Fruit Culture as an Occupation for Women*. Essays to be in not later than 15th June.

A prize of \$5.00 will be given for the best original essay on *Women in the Dairy*. Essays to be in not later than 15th July.

An envelope containing money, mailed at St. John, N. B., April 30th, received at this office, no writing whatever enclosed or on the envelope. Three cent and registration stamp on the envelope. The P. M. cannot give name of sender, as it was dropped in letter basket. A similar thing occurred at Peterborough, on the 13th of April; see notice in last issue. Our subscribers should always be very careful in sending money. Do not leave it to others, but attend to it yourselves, and there will be no mistake. Remit per P. O. order or registered letter, otherwise we cannot become responsible for its safe arrival. Be particular and give the same name as that printed on your label, otherwise two papers might come to the same house.

Editorial.

On the Wing.

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On the 14th of last month we walked over the Toronto Exhibition ground to lay out the plans for the sketches on preceding page. These may be useful to those contemplating erecting buildings in other parts of the Dominion. We only give a few of the best buildings—those deserving of imitation. Many of the buildings on these grounds are unsurpassed for their several purposes by any we have seen, being neat, handsome and convenient. The grounds are nicely laid out and planted with trees, shrubs, and flowers, and in some places ornamented by rock work. The ground slopes towards the lake. At exhibition time it is a gay attraction and pleasing sight to see the thousands of visitors wending their way among the stock and implements, or seated about the grounds in groups, or gathered at the grand stand viewing all that is to be seen, or listening to what can be heard. The steamboats and railroad both touch the grounds. The numerous kinds of amusements and attractions collected by the managing committee have drawn large crowds to this exhibition. This committee are a really active, energetic working body, and spare neither time nor pains to adopt any new plans or suggestions that may be of value to the exhibition. We believe the grounds belong to the city of Toronto, not to the exhibition committee, but that the committee have had power to borrow money on the property, and have improved it in the fine manner we now see it without expending any of their own capital, but who have advanced the money, which they have every prospect of being able to repay without calling on the guarantees, by giving a guarantee to the banks. The directors have had faith that they could make it a success, and they have not been disappointed. They receive no Government money, and yet are enabled to give larger prizes than the Provincial Exhibition, or even the combined Dominion or Provincial Exhibitions. We believe they are making arrangements whereby any person in any part of this Dominion can visit this exhibition and return at a single fare. This should afford a grand opportunity for all desirous of procuring the best or seeing their friends.

On our way to these grounds we passed through the old Toronto Exhibition grounds, and here we met a sight which we think even more astonishing than anything we have yet seen at any of our exhibitions. We mean the MASSEY MANUFACTURING ESTABLISHMENT. We were struck with the appearance of a long four-storied building, having 236 windows on the street we passed on going to the exhibition grounds. On our return we entered the building, by a large spacious hall with offices in front and on either side, fitted up in style superior to many of our banking establishments. We enquired if Mr. Massey was in. He was pointed out to us driving a mowing machine cutting the lawn on the other front of the building facing on King street, with a one-horse mower. He is rather tall, nearly grey, about 63 years of age, but keen and sharp in business. He showed us the useful points of the mower, one which had just been con-

structed, the advantages of which were such that it was just about being shipped to a leading manufacturing company in the United States, to be reproduced there. He left the mower in charge of assistants, and entered the building with us. We were shown through the building from cellar to attic. The building is constructed in the form of a T, one portion being 492 feet long by 40 to 55 in width, the other portion being 258 by 50 to 56, having a floor space of about 4½ acres. All this space is fully occupied with the work shops and store-rooms, except the space over the offices. All is neat and well arranged to facilitate the work, which is performed to a very great extent by machinery, in fact it is machinery that constructs our harvesting machines; everything is made so exact that a misfit is almost an impossibility. The best of material is used, and, of course, only the best implements are made here, or so the managers believe, and wish you to believe. We are unable to say which of the manufacturers turn out the best. There are sixteen binder manufacturers in Canada, and all claim the best, but this immense establishment would not have gradually grown from the small foundry it was a few years ago, when located in Newcastle, up to its present proportions, had the products not been meritorious. This establishment confines its business to the construction of self-binders, reaping machines, mowing machines, and horse rakes. The number made this year will be 10,000, of which 2,000 will be self-binders. The immense number of implements neatly packed and stored away here is perfectly astounding; for instance, at one place alone there were 2,500 sulky horse rake wheels. It appeared to us, in looking over the tops of these, like a miniature ocean with its waves. When you visit Toronto, take a run through this establishment, and you will be, as we were, both pleased and astonished. Then contemplate the immense amount of labor that has been done here, and if you can put your education to work, send us an estimate of how many millions of hard days' work in the harvest and haying fields the work of this one factory must save, in comparison to the labor employed when we first saw harvesting done a half a century ago. The executive ability of Mr. Massey is not confined to the manual and mechanical department. Above his large, spacious and handsome offices, he has a reading room well supplied with books and papers for the men; a council room for their consultation; and in the upper story entertainments are held fortnightly, when the employees, their wives and families, can spend their evenings pleasantly and profitably in discussions, readings, lectures, or any other kind of proper amusements. These entertainments are enlivened by a brass band, composed from his employees. In addition to these, the employees publish a weekly or monthly journal touching on various topics of interest to them, termed the *Trip Hammer*. There may be as completely equipped and well arranged an agricultural implement manufactory as this in Europe. If there is, we have not seen it or heard of it. We may call this the old Toronto Exhibition renewed, as this is on the old grounds. Pay a visit to them both, when the exhibition time arrives, and you must look with wonder and surprise on the progress that Canada is making, and what this manufactory