

Contributors, &c., to the "Canadian Farmer."

HORTICULTURE.
T. O. Robinson, Owen Sound.
G. L. Whitney, Lecturer Michigan State Grange, Muskegon, Mich.
P. H. Henderson, Bertie Vineyard, Stevensville, Ont.

POULTRY.
Geo Elliott, a taker of eight prizes at the Provincial Poultry Show-Port Robinson Ont.

APIARY.
D. A. Jones, of the Beekeepers Association of Ontario, Beeton Ont.
R. McKnight, Bee-Keepers Association, Owen Sound.

MAPLE SYRUP, SUGAR, &c
Levi T. Whitman, an extensive manufacturer Knowlton, Quebec.

GRAPE CULTURE.
Dr. Joy, Tilsonburg, Ont.

VETERINARY.
O. Elliott, V. S., St. Catharines, member Ontario Veterinary College.

GENERAL FARM SUBJECTS.
M. McQuade, Egmondville, Ont.
E. T. Pettit, Belmont, Ont.
H. S. Ureid, Newport, N. B.
George Creed, South Hawdon, N.B.

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The Canadian Farmer.

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INDUSTRIAL EXHIBITION.

By a reference to our advertising columns it will be seen that Canada's great fair, the Industrial Exhibition, opens in Toronto on September 10th and continues to September 30th. The arrangements made this year are much more extensive than ever before, and it is fully expected that the affair will be an event of even greater magnitude than in years past. On Monday and Tuesday, September the 15th. and 16th. a grand fireman's demonstration will take place. On September the 17th. will be the farmers' grand gala day under the auspices of the Dominion and Provincial Granges. This will no doubt be one of the largest gatherings of farmers ever held in the Dominion. All railways have made reductions on rates, giving return tickets fare and a third, live stock and all other exhibits go free one way. Every department in which the farmer and the ladies are interested has received the fullest attention. We shall be present and trust to meet on Farmers' Day thousands of the readers of the FARMER out for a grand holiday.

AMONG THE FARMERS.

A Veteran Honored.

When the Editor of the CANADIAN FARMER was in Toronto on Monday last he received a kind invitation to join a number of prominent gentlemen who were the next evening or so going to visit Scarboro Junction. In order to do honor to the veteran ploughman of York, James Patton, Esq., who resides near to Scarboro. We were very sorry indeed that pressing business engagements prevented our being present on such a pleasing occasion, but we are glad to know that the evening passed off very pleasantly, and that there were present a large number of prominent gentlemen, among them some of the leading public men of the district. Mr. Patton is indeed the veteran ploughman of York. He is looked up to as the father of the prize ploughmen of the county. Mr. Patton's first ploughing match was ploughed in a quiet field, now occupied by the

centre of the busy city of Toronto. The prizes which he has since won are very numerous.

It was thought at first that it would be best to surprise the old gentleman, but a reconsideration gave him a short notice of the presentation, so that when the friends dropped in upon the old ploughman, he was not so much surprised but deeply affected and gave all a very cordial and hearty reception. Mr. John Gibbons acted as chairman and Wm. Rennie of Toronto, who was largely instrumental in arranging for the presentation, read an address, and presented Mr. Patton with a well-filled purse. The address was handsomely illuminated. Mr. Patton replied very appropriately, and Rev. Dr. Scadden, Mr. Wm. Hood and others delivered friendly addresses, expressive of their esteem for Mrs. Patton, and their hopes that he would, with Mrs. Patton, long live to enjoy the fruits of their labors.

RECEIVED.

We have been favored with a copy of a little manual just published by Fowler & Wells, at 753 Broadway, N. Y., entitled, "The Horses, their feed and their feet." The book deals admirably with hundreds of questions, upon which every one who owns or drives a horse should be intelligent. The aim of the author, as stated in the introduction, is the proper one, viz.: not so much to instruct you how to cure the diseases of the horse, but to instruct you how to prevent these diseases and troubles coming on. We heartily commend the book to our readers, and have no doubt they would be repaid a dozen fold by sending for it, and carefully digesting its contents. The work has rapidly sold through the first edition and the one before us: the second is enlarged and illustrated.

"Settler's Pocket Guide to Homesteads in the North-west," by John T. Moore, 82 King St. East, Toronto. The pamphlet contains some most valuable information regarding the soil, climate, etc., of the Canadian North-west. Those who desire information upon those subjects, should write Mr. Moore for a copy of this little work.

A NEW ERA.

There can be no doubt that the introduction of machines for tile draining introduces a new era in the progress of agriculture. Long have farmers recognized the benefits to be derived from tile draining, but hitherto the cost has been so great that only the wealthiest class of farmers felt themselves justified in engaging in it. The larger part of this cost was incurred in cutting the trench, and now that a machine has been devised which does this so rapidly, cheaply and completely there is no excuse for not doing a large amount of tile draining. There are large quantities of land in Canada that badly need it, and we hope to see the farmers go into it extensively. Mr. Wm. Rennie, of Toronto, in this issue advertises his tile ditching machine which has done such extremely rapid work, and which is carrying the market of the United States by storm. By addressing him the fullest particulars can be obtained. A machine purchased by Dr. Ferguson, M.P., President of the FARMER Publishing Co., from Mr. Rennie a few weeks ago, works admirably. We can therefore speak from a personal knowledge of the superiority of the article which Mr. Rennie advertises.

THE EVAPORATING INDUSTRY.

It is noticeable that within the past two or three years a new and valuable industry has arisen in Canada. We refer to the business of fruit evaporating, now extensively carried on in some parts of the Dominion, and likely to be engaged in much more extensively in the very near future. This new means of fruit preservation has, whilst affording an unequalled means of keeping fruit for table use, proven to be a very profitable occupation. So much so indeed, that those who have thus far invested their money in it are perfectly willing and anxious to invest more in the same business. We know of no recently opened up industry which promises to be a greater source of profit to our agriculturists than this one. We need say scarcely anything as to the manner in which the evaporation system does its work. All who have tasted evaporated fruit, and compared it with the dried article, are witnesses of the superiority of the new over the old process. There can be little doubt that the introduction of the evaporator process will introduce a new era in fruit raising. This branch of farming has, with few exceptions, been largely neglected throughout the country. This is the more to be regretted, because the province--Ontario more especially--are in many ways adapted for fruit raising, and the fruits which we are enabled to raise are much more valuable in the markets of the world than those of tropical climes. Every pound of our evaporated apples is worth fully in Canadian markets two pounds of the tropical dried fruits and evaporated peaches have a value, three or four times as great as figs, dates, raisins, prunes, etc. In other words our fruit is immensely valuable, and should be looked at as of worth the same degree of importance as any other of our own principal products. As such, it demands the careful attention of every farmer. There should be more fruit raised, and no matter how much there is raised, there need be no fear that it will be a drug on the market. The world is open for Canadian fruits, and the evaporation process supplies a means by which all that cannot be handled profitably in the fresh state can be kept from spoiling, to be disposed of at the very best advantage. Heretofore a large amount of fruit, especially apples, has gone to waste during the summer and fall seasons. This need not be any more. It can all be saved by using evaporators. The system of evaporating fruit has many different points of excellence, but the principal points in its favor are the speed with which it can be done, and the excellence of the flavor of the fruit thus prepared. The flavors are indeed the very natural flavor, and it would be difficult for an expert to tell any difference between fresh peaches stewed, and evaporated peaches properly soaked and stewed. Just so is it with the balance of the fruits. The process of evaporation is nothing more than subjecting cut fruits to dry hot currents of air, thus drying the surface quickly. It presents no discoloration, and forms an artificial skin or cuticle, and seals the cells containing acid and starch which yield glucose or fruit sugar. Machinery in abundance can be had for the process, and there are evaporators made having a capacity of from 3 bushels to 150 bushels in a day. Every farmer ought to have an evaporator for use at home. He would find it to pay for itself a hundred times every year.

A SAD ACCIDENT.

We do not aim at making the CANADIAN FARMER a news letter to its readers, since numerous other ably conducted newspapers do that duty well, but a reference to a terrible accident which has just happened within sight of our office of publication, will not, we are confident, be considered out of place.

On Sunday morning last, Welland was the scene of one of those terrible railway accidents, which are now becoming so frequent on our principal lines of railway. Two trains going very nearly at full speed collided not twenty feet from the depot, and as a result two men were killed and two wounded. The shock of the collision was heard almost all over the place, it waking many from their slumbers. The news spread rapidly, and in a very short time the townspeople, among the number not a few kind ladies, were on hand to render all the assistance in their power. We were there ourselves in the practice of our old profession, endeavoring to do something for the wounded, and some most heart-rending sights met our eyes. Just as we reached the spot one poor fellow had been taken from the wreck dead, and was being borne away with tender hands. Another almost dead was a moment afterwards taken into the waiting-room--it was supposed to quietly die. In a little while, however, he showed signs of recovery, and is now it is thought out of danger. To a house just near the track had been taken another of the injured. His limbs was all but severed just above the knee, and it was evident he could survive but very few moments. He talked fondly of his widowed mother, and was remarkably brave. Death relieved him, for in a few moments his spirit took its flight. Another one of the train hands was injured in the foot, but not severely. The cars were piled on top of one another, and presented a wild looking sight. A number of them were smashed to fragments. One of the engines were literally broken to pieces, the other was badly injured. The accident has cast a gloom over the place, and will bring sadness, no doubt, to a number of hearts.

THE MAPLE BORER AGAIN.

Mr. Wm. Saunders, the eminent Canadian naturalist, has again given the note of warning against the maple borers. Last year he announced their presence and recommended prompt action and as a result little harm was done. He now states that he has examined some hundreds of trees and found the borer present in quite a number, especially in parts where the bark has been rubbed. Mr. Saunders recommends as treatment that the trees be washed with a mixture described in his own language as follows:

"The mixture to be applied to the trees may be made either from common hard or soft soap melted and diluted to the consistency of paint, with a strong solution of washing soda dissolved in water and applied to the bark with a brush. The application should be made on a dry day, when the soap will soon harden and form a coating which rain will not easily wash off.

Thieves up north are stealing the fleeces just taken from the sheep. This could hardly be termed pulling the wool over the eyes of the farmers, but rather away from the same. We charge nothing for this joke.