

THE HOPPER SYSTEM IN MANITOBA.

Editor "The Farmer's Advocate":

For raising young chickens, we have found the self-feeder beats all other ways. We can raise nearly twice as many chicks this way, and find they are, if anything, larger in the fall and better matured. We are using self-feeders this year on week-old chicks, and from that age we keep them constantly before them, and I must say I never saw larger-boned, healthier chicks. In fact, most people who see them can scarcely believe them so young. To start with, we take a small, low box and cut holes in the side one and a half inches apart, each hole being one and a half inches wide and about two inches long. Put on a lid, and put the feed in—shorts and oat chop ground fine; beef scrap for animal food, and all kinds of grain crushed coarse. We usually have two feeders in each colony house, one for the mash and beef scraps, with a partition between the two, the other for grain after the chicks get older, say six or seven weeks, when we use a larger box. Try making one or two; you will be surprised how quickly you can make them. For the older chicks, we don't cut holes; just take a piece off the lid, put in the feed, and stand it up on its side. Try to get narrow boxes, so that a good-sized bird can reach across them. Throw all the table scraps in the pen after mealtimes, with a feed of cooked potatoes once in a while, and if you don't raise good large, healthy chicks, there is something wrong with your breeding stock.

Manitoba.

H. E. WABY.

THE FARM BULLETIN.

THE GENIUS OF REV. A. E. BURKE.

The Canadian Magazine for June contains a well-written appreciation, from the pen of William Pitts, of Rev. A. E. Burke, of Prince Edward Island, with whose notable contributions, under the title "Maritime Letter," "The Farmer's Advocate" readers are agreeably familiar. Among other paragraphs in the estimate of Father Burke is the following:

"Though an optimist, he is not an idealist. He is a man who is thoroughly convinced that the gospel of Christianity enjoins a gospel of work. And he is a strenuous example of his belief. With a willing brain, he has industriously occupied his leisure moments in the study of horticulture. It is due largely to his active enthusiasm that his native Province is becoming so justly famed for its plentiful, luscious fruit. In the other branches of agriculture he also takes a practical interest. Stock-raising, beekeeping, etc., engage his attention. He is not merely a superficial student, not a hobbyist, but a firm believer of experience as a final proof, and an advocate of utility as opposed to mere theory. His constant contributions to the agricultural journals of the Dominion give ample evidence of this fact; for they are noted for their extensive knowledge, sound advice, and breadth of view."

CANADIAN SEED-GROWERS' ASSOCIATION.

Editor "The Farmer's Advocate":

I have been directed by the President of this association, to notify you that the regular meeting of the association, which heretofore has been held in the City of Ottawa in June, has been postponed until sometime in January or February. It was thought that by changing the date as above, not only would it be less difficult for many of our members to attend, but that this date would be a more suitable one for several other good reasons which will occur to your readers.

We purpose holding an executive meeting in July, however, in accordance with clause 17 of the constitution, when the general business of the association will be transacted. If you or any of the members have any recommendations to make, re any part of the work itself, or in regard to the holding of exhibitions, etc., we shall be very glad to have them some time this month.

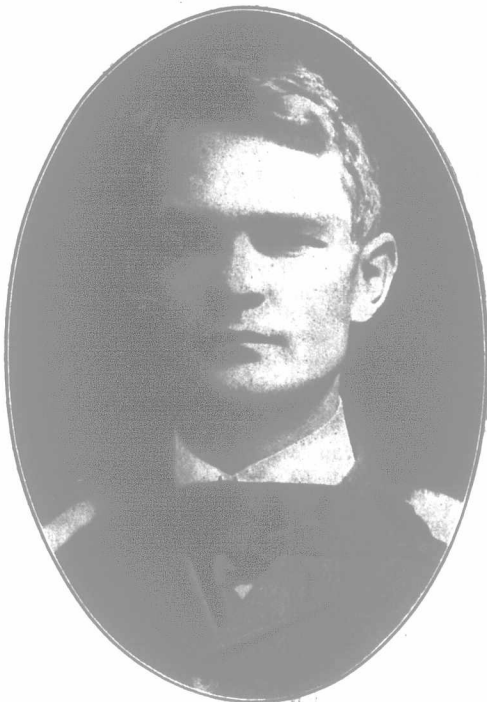
L. H. NEWMAN,

Ottawa, June 11th, 1907.

Sec. C. S.-G. A.

MR. PERKS AND THE GEORGIAN BAY CANAL.

Mr. R. W. Perks, member of the British Parliament for North Lincolnshire, one of England's greatest commercial and financial leaders, is on a mission in Canada, chiefly for the purpose of looking over the proposed Georgian Bay Ship Canal project, the cost of which has been estimated at \$105,000,000. It would enable ocean-going boats to pass from the great upper lakes to the ocean, via Ottawa and Montreal. In view of the increasing traffic of Canada, he regards its construction as a commercial necessity. Pending the final decision of the Canadian Government regarding the work, his firm have the contract with the parties who have the charter. Among other great enterprises which Mr. Perks has carried through may be mentioned the Manchester ship canal, the Severn tunnel, the Swansea docks, the East London Railway, the Alexandria docks in Egypt, the Metropolitan and District Railway, the Barry docks in South Wales, the harbor works at Buenos Ayres (costing \$50,000,000), and the Preston docks; while at the present time his firm has under construction the harbor improvements at Rio Janeiro for the Brazilian Government.



R. W. Wade, B. S. A.

Lecturer in Animal Husbandry, Ontario Agricultural College.

NEW ASSISTANT IN HORTICULTURE AT STE. ANNE.

We have pleasure in introducing to our readers by means of this biographical sketch and the accompanying halftone portrait, Victor R. Gardner, who comes in July from the Iowa State College to the position of assistant in horticulture, associated with Prof. W. S. Blair, at the Macdonald College, Ste. Anne de Bellevue, Que. After receiving ordinary school and high-school training in Michigan, and spending the early years of his life upon a farm, Mr. Gardner, in 1901, entered the Michigan Agricultural College, and graduated from the Horticultural Course at that institution four years later. While there, he spent several vacations doing field work for the entomological section of the Experiment Station under Prof. R. H. Pettit, and for the horticultural department in their orchards and gardens.



V. R. Gardner.

Recently Appointed to the Position, Assistant in Horticulture, Macdonald College, Ste. Anne de Bellevue, Que.

His horticultural training was under Prof. U. P. Hedrick, now of the New York Agricultural Experiment Station. Immediately after graduation, he spent a couple of months with the Storrs-Harrison Nursery Company, of Painesville, Ohio, and since then he has occupied the position of Instructor in Horticulture at the Iowa Agricultural College. While there, he embraced the opportunity by taking post-graduate work under Prof. S. A. Beach. His post-graduate work on the cold-storage of apples has also brought him into touch with a number of men of the U. S. Department of Agriculture. This month, he receives his M. S. degree, and is regarded, by those who know him, a promising man for the position he is called to fill. We trust he may find the Canadian atmosphere congenial to his taste.

"THEY'RE COMING BACK TO CANADA TO-DAY."

It is a matter for especial gratification to announce that the position of Lecturer in Animal Husbandry at the Ontario Agricultural College, lately vacated by Mr. Arkell, will be filled by such a thoroughly energetic and capable man as R. W. Wade, B.S.A., a Canadian, and graduate of 1905, who comes back to us from Arkansas. Mr. Wade's home is Lincoln County, Ont., where for a number of years he welded the rod to excellent purpose as teacher in a public school. Entering the O. A. C. in the fall of 1902, he took two years' work in one. Graduating in 1905, he accepted the position of Assistant Agriculturist in the Arkansas State University, where in less than a year he was made Professor of Agriculture. He is a bundle of nervous energy, level-headed, experienced, and very highly esteemed by a large circle of friends.

EASTERN ONTARIO FARMERS CONVENT.

A well-attended convention of farmers from the counties of Prescott, Carleton, Stormont and Renfrew, convened in Ottawa last week, to discuss the question of assessment of farm property, passed a resolution declaring that the present law compelling a new assessment of farm property every year should be amended so as to make the assessment every three years, thereby saving considerable expense to the municipalities. On the question as to whether farm buildings should be exempted from taxation, the consensus of opinion was expressed in a resolution favoring a tax on the land only and none on the buildings. An association was organized, with the following officers: President, Warden Heney, of Carleton County; Vice-Presidents, the Wardens of the different counties entering into the association; Secretary, R. B. Faith. Directors, the Reeves of the different municipalities. It was decided that each municipality shall send one delegate to the annual meeting, and that the next meeting will be held on Wednesday during fair week in Ottawa, to arrange the matters for presentation to the Government of the Province.

CO-OPERATIVE FRUIT-GROWERS MEET.

Twenty local organizations were represented at the annual meeting of the Ontario Co-operative Fruit-growers' Association, held last week in Toronto.

The name of the association was changed to the Co-operative Fruit-growers of Ontario, as it conflicted with the title of the Ontario Fruit-growers' Association, which is an educational organization, not a commercial one.

The following officers were elected: President, A. E. Sherrington, Walkerton; 1st Vice-President, D. Johnson, Forest; 2nd Vice-President, W. H. Dempsey, Trenton; 3rd Vice-President, Robert Thompson, St. Catharines; Secretary-Treasurer, A. B. Cutting, Toronto.

It was decided to undertake a system of extensive advertising in Manitoba and the Northwest, to bring the co-operative associations into closer touch with fruit buyers there. One or more agencies will be established in the West.

It was decided to adopt a uniform brand, to be used by all affiliated associations that pack their fruit in accordance with the standard that is recognized by the central organization.

The affiliated associations decided to raise funds to carry on the work of the central organization more extensively than was done last year. A resolution was passed regarding various features of the transportation of fruit, including demurrage of cars, stop-over privileges, facilities for shipping, and so on, the same to be laid before the Railway Commission through the transportation committee of the Ontario Fruit-growers' Association.

A resolution was passed, requesting the Dominion Minister of Agriculture to take such steps as may be necessary to insure the fruit packed by the affiliated associations receiving close and frequent inspection at the hands of the inspectors of the department, and that the inspectors be authorized to give such assistance and advice as lies within their power to assist in securing uniform packing by the affiliated associations; and, further, that when any local association has been convicted for a second time of fraudulent practices, that it be expelled from this association.

A resolution was adopted against the practice of making vinegar with acids, as being detrimental to the business of making apple cider.

The executive committee waited upon Hon. Nelson Monteith, Minister of Agriculture, in regard to the appointment of instructors, whose duty it would be to visit the associations and instruct them in methods of bringing about a more uniform pack of fruits among the co-operative associations affiliated. The Minister expressed himself as being much in sympathy with the movement, and gave assurance of assistance in this matter at an early date.

Seventeen polo ponies, belonging to George E. Gould, were recently auctioned off at the American Horse Exchange, New York, for what is termed the record-breaking figures of \$8,650, or an average of about \$509.

A new law in Illinois gives blacksmiths a lien on the horses and mules they shoe until the shoeing bill is paid.