

TO THE FARMERS

Farmers and others interested are invited to contribute to The Farm, The Dairy, The Turf, and Good Roads departments of The Guardian...

Contributors are asked to have their articles at this office early each week, as only a short emergency item can be handled as late as one p.m. Wednesday...

THE SCHOOL AND THE HOME

Contributions for this department should be addressed to: President Teachers' Association, Guardian's School and Home, P. O. Box 128, Charlottetown.

DRAWING

(Selected.)

I should like to emphasize the importance of this subject as an essential part of education, and furthermore, I should like to call attention to its practical utility for the ordinary needs of life...

children's note books reveal the same faults, for the most part, as those indicated by the teacher...

THE FARM

COMPETITIONS IN FIELDS OF STANDING GRAIN

Conducted by Department of Agriculture of Prince Edward Island. Announcement.

The Department of Agriculture is again announcing its competitions in fields of standing grain. In 1908 the first of these competitions was held.

Last year the judges were instructed to secure in addition to the usual information, the number of bushels of grain of good quality each exhibitor might be expected to have for sale...

Two competitions will be held in each county, in each of which the following cash prizes will be offered: Oats—1st \$10; 2nd \$9; 3rd \$8; 4th \$7; 5th \$6; 6th \$5.50; 7th \$5; 8th \$4.50; 9th \$4; 10th \$3.50; 11th \$3; 12th \$2.50; 13th \$2; 14th \$1.50; 15th \$1.

West Prince shall include Townships 1 to 13 (inclusive) and East Prince the remainder of Prince County.

West Queen's shall include Townships 20 to 24, 29 to 32 and 65 and 67. East Queen's shall include the remainder of Queen's County.

East King's shall include Townships 40 to 47, and 53 to 56. West King's shall include remainder of King's County.

RULES AND REGULATIONS OF COMPETITION.

A field of oats shall contain at least 1/2 acre, of wheat at least 3 acres, and of barley at least 2 acres.

An entry fee of \$1.00 will be charged if only one kind of grain is entered, and an additional fee of 50 cents for each additional kind of grain...

The besetting sin of our present day education is inaccuracy, and I regret to say that our teachers and pupils have their full share of this fault.

1 Stand of crop 5. 2 Type of plant, vigor, and uniformity of growth. 3 Acreage, method of seeding, absence of lodging. 4 Freedom from smut, rust, blight, and insects. 5 Freedom from other varieties and other kinds of grain. 6 Apparent yield and quantity of grain...

grain, considering: 1 Proportion of well filled heads of plump grain of good quality 20. 2 Uniformity of maturity 5. Total 100.

As the judging will be done early in the season, grain that will not ripen till late in the season should not be sated.

As glance at the score card will show that a premium is placed on clean grain. Of the hundred points, 45 are given for freedom from weeds and from other varieties and other kinds of grain...

TREATMENT FOR SMUT.

The treatment recommended is one pint or pound of formal to forty gallons of water. The grain should be spread on the floor and the diluted formalin sprinkled over it.

SHEEP DIPPING

At the Short Course held in Charlottetown last January, Mr. James A. Teller, Maritime Representative of the Sheep Branch, gave a demonstration on sheep dipping which was appreciated by all who heard him.

This week Mr. Teller is coming to the province to make arrangements for his summer's work in this province, and will address meetings at the following central points:

St. Peter's, Tuesday, April 22nd. Windsor, Wednesday, April 23rd. Grand River, Lot 14, April 25th.

All meetings to begin at 7.00 p.m. It is hoped that these meetings may be very largely attended so that complete arrangements may be made for future work.

SPRAYING.

(Contributed.) There is no better time of year for spraying with the Lime Sulphur than the present.

The ground is now sufficiently firm in the orchard to admit of moving about without much difficulty. The weather is fairly warm, and the eggs of the insects will soon be hatched out, but if the trees are sprayed now these eggs will be killed.

THE DAIRY

DAIRY BREEDS. (By F. T. McRae.) In The Guardian of Feb. 1st and 8th appeared an article headed "Dairy Breeds," written by that well and favorably known Holstein breeder, Mr. W. M. Lea.

Mr. Lea speaks very lightly of Ayrshires as test winners and says with regard to big records they are simply not in it. He also tells us that Holstein is the most suitable for the Ayrshire than any other part of the world.

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THE TURF

HORSE NOTES. Charlottetown Track is now open and although somewhat heavy will be fit to work on.

Mr. George MacDonald has received his certificate as starter from the National Trotting Association. With Mr. MacDonald to handle our races the horsemen can be confident of fair play.

Devilish Dorothy 2.13 1/2 and the 2 year old Todd Mac colt will be handled this year by Fred. Cameron.

Fred. Cameron's stables are quite an attraction since the stallion Bottom 2.23 1/2 was moved down there. Every day a score or more visitors call that way and have a look at Bin-gar's young and handsome son.

GOOD ROADS

MACADAM ROADS. (Selected.) The macadam type of road surfacing is particularly well adapted to main highways connecting centers of population...

For ordinary country roads, experience has shown that the broken-stone surface need not be more than from 12 to 15 feet wide...

STONE FOR MACADAM ROADS.

The principal qualities which are necessary in road-building stones are hardness and toughness. The crushing values of the stone dust should not be forgotten...

The slates, schists, most of the sandstones, the micaceous granites, and the quartzites have but little value as road-surfacing material.

George Higgins has a Cresco colt costing three which is learning to trot fast and has all the earmarks of a second George Cresco.

George Reddin's Princeton colt out of Ruby Reddin by Kalol is a beauty and has the gait of a trotter.

The Speedway at Victoria Park is the scene of some lively brushes in the evenings. It is the great education spot for the city speedsters.

There seems to be a big revival of interest in horse racing in the Maritime Provinces. New tracks are being built and more horses trained than ever before.

Put aside June 3rd as your "fun day" and attend the races in Charlottetown.

Six highly bred trotters changed hands at Kentucky last week for an aggregate sum of \$20,000.

Aicyfras 2.03 1/2, the fastest half-mile track pacer in Canada, was burned to death last week in Moose Jaw, Sask.

Baring's Comet 2.28 1/2 has been entered by his owner W. H. Musgrave of Halifax in the \$2000 stakes for 3 year olds at Hartford this fall.

DAIRY PRODUCTS.

A review of the dairy produce trade, just published by J. A. Riddick, Dairy and Cold Storage Commissioner for Canada, gives a valuable lot of information in which the majority of our readers will be interested.

We hear and read much about the home trade and the foreign or international trade, much that is unreliable and distorted. The facts given by Mr. Riddick are officially correct and will therefore be valuable.

The Canadian export trade in dairy products has undergone a complete revolution in recent years. The review before us gives statistics only for the years 1911 and 1912.

The total export of butter from Canada in 1912 was 552,160 lbs; in 1911, it was 9,753,386 lbs; in 1910, it was 3,736,369 lbs.

The decline in cheese export is equally marked. From 215,834,543 lbs. in 1906 it dropped steadily to 140,837,605 lbs. in 1912.

Mr. Riddick draws attention to the fact that it was only in 1895 that a move was made to provide cold storage space on ships sailing from Montreal, which together with the erection of mechanical cold storages for holding the butter gave a new impetus to butter making in Canada.

"Then," he continues, "began that era of marvelous expansion and increase of population in Canada, of which we have happily not yet seen the end, but which has already so effectively checked the growth of our foreign trade in dairy products.

Not only has there been a decline in the export of dairy products from Canada but we have imported, chiefly from New Zealand, during the past year, 6,694,722 lbs. of butter.

The decrease in our exports during recent years has led many people to think that the dairy industry in Canada is on the decline. Mr. Riddick, however, says, "These are superficial views, and opposed to them I make the assertion that there has been as much increase in milk production, taking Canada as a whole, during the past decade as there was during any other similar period in the history of the industry."

In the dairy industry there is certainly nothing discouraging. On the contrary it is most encouraging. There has been a change, a veritable revolution. A home market has been created by our increased population and it is of much more value than the foreign market can possibly be.

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Fred. Cameron's stables are quite an attraction since the stallion Bottom 2.23 1/2 was moved down there.

Every day a score or more visitors call that way and have a look at Bin-gar's young and handsome son.

Jack Irving has a lap on the "others" in getting his horses fitted for the June races in Charlottetown. His track is now dry and hard and he is repeating easy miles.

Alexander Gillis, the caretaker of the Charlottetown Driving Park, is a capable official. Few men could be found who would take such an interest in the property and bring it into such a state of perfection.

T. C. Edgett has sold his Tom-Medion gelding to Capt. D. A. MacKinnon of Charlottetown. This colt started once in an ice race at Cape Traverse and won first place.

Daniel O'Brien left for the West last Monday. Danny was an expert horseman and handled some of the best in the Province.

There ought to be some lively racing in the 2.24 trot June 3rd. Just

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take a peep over the eligible-Park-lynn, Winnie M., Frenchy, Orwell Belle, Alred K., The Rexall Girl, Oakley H., Miss Wrigley, Frank I., etc.

The 2.30 pace will be another good one, Nancy Mac, Shrub, Zealot, Darkey Hal, George R., etc., etc.

Everybody should go out to the races on June 3rd. If we can make them a success it will assure future early meets.

Two handsome "photos" (enlarged and colored beautifully) of the stallion Bottom are on exhibition in the window of the MacKinnon Drug Co.

Capt. D. A. MacKinnon, Charlottetown, has issued a very handsome catalog for Bottom 2.23 1/2. He will be pleased to mail one to any address.

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RECORD OF A GREAT MEDICINE

Doctors Could Not Help Mrs. Templeton—Regained Health through Lydia E. Pinkham's Compound.

Hooper, Nebraska.—"I am very glad to tell you Lydia E. Pinkham's Vegetable Compound has helped me. For five years I suffered from female troubles so I was scarcely able to do my work.

My husband got me a bottle of Lydia E. Pinkham's Vegetable Compound and I had taken the seventh bottle my health had returned and I began doing my washing and was a well woman.

I did all the work for eighteen months with no signs of my old trouble returning. Many have taken your medicine after seeing what it did for me. I would not take \$1000 and be where I was. You have my permission to use my name if it will aid anyone."

Mrs. SUSIE TEMPLETON, HOOPER, NEBRASKA. The Pinkham record is a proud and peerless one. It is a record of constant victory over the obstinate ills of woman—ills that deal out despair.

It is an established fact that Lydia E. Pinkham's Vegetable Compound has restored health to thousands of such suffering women. Why don't you try it if you need such a medicine?

KEystone DEPOT. Cuts a slice of stone—No cutting or bruising. Lites like the only diamond in the world. Write for free catalog. W. H. McKenna, 10 Robert St. Toronto, O.

Horse Medicines

are our particular strong point. We can help you greatly if you have a sick or blemished animal. Remember we have \$3500 worth of horse flesh ourselves and have the experience in caring for them.

We handle every reliable horse and cat medicine.

Condition Powder 25¢ a tin. Stock Foods of all kinds. Shep Dip 25¢ @ 45¢ a bottle. Absorbine for puff, etc. \$2 a bottle.

Bliste's Tonic, Cough Powder, etc. in fact everything for the Horse.

THE MacKINNON DRUG The Rexall Store Cor. Gt. Geo. & Kt. Sts

Owns of the following Standard Bred and Registered animals. Ruby Rexall by Ka'ol. Prime Marjor by Moko. Petrello by Prodigal. Bottom 2.23 1-4 by Bingara. The Rexall Girl by Bingara.

Also Dominion D. 2.20 3-4. Iona Girl 2.19 1-4. E.M.st

TODD 2.14 1-4

Sire of 82 Standard Performers. Sire of 12 with records of 2 04 1-4 to 2.10 Sire of

MAYOR TODD

(47893) trial 2.18 last half 1.08

- BINGEN 2:05.7, 2:06 1-4. Sire of 11 in 3:10, inc. Uhlman 1:58 Admiral Dewey 2:04 3-4 King Cole 2:05 1-4, John Ward 2:05 3-4, etc. FANELLA 2:18. Dam of 5, including Sadie Mac 2:05 1-4, Magowan (2) 2:10 3-4, etc. ALLCLAYONE 1:29.8, 2:30 1-4. Sire of 10, including Louise G. (4) 2:05 1-3, Letta Wilkes 2: 1-4, William H. 2: 15 1-4. WILKETTA. Dam of Alclayetta 2: 20 1-4. MAY KING-1:09.73, 2:20. Sire of 27, including Bngso 2:06 1-4. YOUNG MISS By Young Jim 2000. ARION 1:00.00, 2:07 3-4. Sire of 7 in 2:10; dams of 4 in 2:10 etc. DIRECTOR 2:19. By Directress 1989. Dam of 1 granddam of 5. ALCYONE 7:32, 2:37. Sire of Martha Wilkes 2:08 Bush 2:09 1-2, Harrietta 2:09 3-4, etc. CLAYKNE By Harry Clay 45, 2:29, Dam of 1 in list. WY WILKES 1:55.4, 2:31 3-4. Sire of 28; dams of 28. LAMBRETTA By Daniel Lambert 102.

MAYOR TODD 47893

Mayor Todd is a very handsome and extremely good trotter, stands 15.3 1-2 hands, weighs over 1100 lbs and a good son of one of the best horses that ever lived. He was trained a little on the track at the Johnson farm and trotted a mile 1.18 last half in 1.05. Trotting breeders should look him over before booking your mares. Terms \$15.00 for season. For further particulars apply to the owner.

HAMMOND KELLY

Box 285, Charlottetown

Phone R 10 1.E.M.M.