

THE DAILY EXAMINER.

MAY 23, 1891.

Experimental Farming at a Profit

THERE have been two principal objections against the proposition to develop our Government Stock Farm into an Experimental Station: (1) The cost would be more than the Province could afford; (2) Everything would depend upon the man obtained to superintend the farm and conduct the experiments; and it would be difficult to induce such a man to come here.

The good fortune of the McLeod administration has removed the second of these objections. We have in Professor Shuttleworth a gentleman who is possessed of both theoretical knowledge and practical experience, one who is judicious and will not wantonly waste the public money.

As to the first objection, it can now be met by the fact that the Experimental Farm of Ontario is being worked at a profit, and if so, why not an Experimental Farm in Prince Edward Island?

Proof that the Experimental Farm of Ontario is now being worked at a profit, is contained in the Annual Report for 1890, which, by the kindness of Professor Shaw, lies before us. It ought to be remembered that the Experimental Farm of Ontario is in close connection with the Agricultural College at Guelph. At the beginning of the year it was decided to keep an account of the receipts and expenditures which might justly be charged to the farm proper. That this might be done the more impartially and accurately, a competent, independent gentleman was appointed to "take stock," examine into the system of book-keeping, and audit the books. An inventory of all live stock and implements was taken at the commencement of the year. The Farm was charged with:

- (1) A proportion of the salary of the farm foreman, mechanical foreman, three-fourths of the salary of the cattle manager and one-fourth that of the farm instructor. The portion of the salary of the parties just enumerated not charged to the farm was set to the account of the Educational and Experimental Departments.
(2) All wages paid for work done on farm proper, whether of men or teams.
(3) All wages paid for student labor done on farm proper, although the wages so paid for farm work under the head of permanent improvements, whether of students, men or teams, was deducted from this sum by a contra entry.
(4) All other running expenses whatever as fuel for stock, seed grain, blacksmithing, repairs, etc.
(5) Cash paid for implements purchased.
(6) Cash paid for live stock purchased.
(7) Cash paid for permanent improvements. This was, however, deducted by a contra entry.
(8) Cash paid for educational purposes in connection with the work of the professor of agriculture. The larger proportion of this also was deducted by a contra entry, the reasons for which are manifest.
(9) Cash paid for experimental purposes.

There was placed to the credit of the Farm:

- (1) All moneys received from the sale of produce and live stock which went off the farm.
(2) Cash, supplies and labor expended on other departments, including College, Experimental, Educational, Horticultural and Dairy Departments, and also permanent and temporary improvements.
(3) Increase in the value of live stock, less the decrease in the value of the same.
(4) Increase in the value of the field produce.
(5) Increase in the value of the implements.

At the end of the year, an inventory was again taken and the account made up. The result was a net balance in favor of the farm of \$143.21—although, as is pointed out, the grain crops were below the average.

Professor Shaw remarks that:—"The difficulties in the way of making the farm pay its way are much greater than appear on the surface to an ordinary observer. The chief of these is connected in one way or another with the question of labor. The work hands must pay \$3 a week for board, and washing extra; hence the labor employed is more costly than with the ordinary farmer. Then the student labor cannot be utilized in every instance to the best advantage owing (1) to its irregularity, as in time of examinations or vacations; (2) to the fact that a large share of it comes at a time of the year when it is not of most value, and (3) to the difficulty of employing a number of persons upon many kinds of farm work to the same advantage as one could be employed."

Professor Shaw does not undertake to make the farm proper pay its way every year, but he says: "I do think that it should be made to pay its way during an average year."

Difficulties in the way of making our experimental farm pay would, of course, arise here as in Ontario. But, as in Ontario, they may be overcome.

On the other hand, we have the land, we have the buildings, we have some stock. It would not cost a great deal to change the Government Stock Farm, which is very little good and is being worked at a loss—into an experimental station, which would be of incalculable value to our farmers and which may be worked at a profit.

In the course of an excellent letter to the Patriot, Professor Shaw argues:

"For reasons which I need not stay to mention here, deterioration seems to be a condition which follows sooner or later in reference to all vegetable growth. The necessity, therefore, for the introduction of new and untried varieties will always be felt. There is no place so suitable for the introduction of these as an experimental station, and in no other way can their value be so safely or so certainly or so speedily or so cheaply determined.

At an experiment station a score of experiments can be carried on for nominally the same cost as one, and there is an assured correctness about the work that en-

hances its value as compared with what the individual farmer may attempt to do for himself.

"It is idle to say that the other Provinces can do this work for Prince Edward Island. They cannot. The two stations in Ontario are as yet but doing this work very imperfectly for this Province, owing to our marked diversity of soils and climate. Grains which grow splendidly at this station are in some instances of no value when grown 100 miles from here, because of the influences just referred to. The other stations of the Dominion can accomplish work in experimenting with live stock that will be applicable to the conditions of Prince Edward Island, but they can not do this in the growing of grains.

"This, then, is certainly one way in which your farm can be made to prove a boon to the whole agriculture of the Island. If it is not well adapted to the purpose, sell it and get one that is, and do so this year, for the progressive development of the day in every line is impatient; it cannot wait. Place a good man at the head of this station, one who is master in agriculture, both practical and theoretical, a man who is a born enthusiast, and who will give from 10 to 15 hours a day to his work, as occasion may require. The success of the station and the good that will result from it will rest largely with this man, hence such a one should be secured whenever he can be found, and at whatever price, within reasonable limits. Let this be done without delay, and your beautiful Island home with its splendid agricultural capabilities would receive an impulse in agricultural progress such as it never felt before, and which should enrich it more than be easily conjectured at the present time."

Notes and Comments.

—Montreal Gazette:—"Mr. Mills' attack on the Government for protesting against Newfoundland's reciprocity treaty with the United States is in keeping with Mr. Laurier's attack on the ministers for enforcing the laws to protect Canadian fishermen against the competition of their U. S. rivals who at home deny the Dominion all privileges in their market. It is not in keeping with anything else, however. Every outside enemy of Canada has a friend in the Liberal parliamentary Opposition."

—Apropos of the prohibition resolution now before parliament, it has been remarked that Canada has been made a participant with Great Britain in treaties with France, with Germany, with Spain, with Italy, regarding the imports and exports of goods. These treaties require five years' notice of abrogation. The present resolution demands immediate prohibition of certain imports coming from these countries. No Government could accept this resolution in the face of these treaties.

—Ottawa Free Press:—"The amount of customs revenue collected at the port of Magdalen Islands last year was \$409, and the cost of collection was \$1,019. The collections at Brighton amounted to \$589, and the salaries and expenses of the officers there reached \$809. At Port Medway, N. S., it cost \$504 to collect \$173 of customs duties. According to the rule applied by Mr. Haggart to the Prince Edward Island postal service the Minister of Customs should maintain no custom houses at the places mentioned.

—Referring to the late Mr. William Sampson, the Methodist says:—"The death of Mr. Wm. Sampson, of Milton, P. E. I., took place at the residence of Mrs. Wm. Copp, Orange St., at an early hour on Monday last. He had spent the winter with his nephew, Rev. Mr. Sampson, Episcopal minister, of the west end, and was just stopping for a few days with the family of Mrs. Copp, before his return home, when he was suddenly called away. The body was taken to the island yesterday. He was in his 73rd year, and leaves a widow and many friends to mourn his departure." The death of Mr. Sampson will be regretted by many friends in this city. Mr. Sampson was a true Englishman—honest as the sun and ever prompt to the call of duty.

—The New York Post has unearthed a surgical parable, which is the case of a young woman in domestic service whose skull had never properly closed, and the brain without normal protection was effected to the point of clearly deficient intelligence. In consequence she performed her duties badly. Happening to attract the attention of some surgeons at an hospital, they examined her head and found "a persisting fontanel, or aperture between the cranial bones, a thing not unheard of in adults, but rare enough to excite the attention of the hospital physicians, to whom thereupon the girl became an object of sudden interest." They performed an operation which resulted in the girl becoming one of the brightest domestics in a bright city. The Post sarcastically declines to give the name of the hospital for fear of subjecting the physicians to applications from domestics. But there is really no danger of that.

Movements of the Fish.

(Fisheries Intelligence Bureau.) HALIFAX, May 21.—The herring fishery was good to-day at Perce, Que., and Grand River, but very poor at Paspébiac, Que., and Caraque, N. B., and fair at Shippegan. The fish are scarce on the north side of P. E. I., but plentiful at Malpeque and Georgetown. The only report of herring in Nova Scotia is from Yarmouth, where it is reported they "struck in" in good quantities.

Very few lobsters were taken to-day at Perce, Que., and Paspébiac, but the catch was good at Grand River. The fishery did very well at Escuminac, N. B., and fair at Caraque. Lobsters continue very plentiful on the north coast of P. E. I., and at Malpeque. On the coast of Cape Breton the catch was fair at Port Hood and Louisbourg. In Nova Scotia the fishery is fair to good at Isaac's Harbor, Spry Bay, Lockport and Digby.

Mackrel are reported striking in at Yarmouth and some have been taken at Port LaTour.

Do not believe that we don't keep ready made clothing. We keep the finest goods made in Canada, comprising childrens, boys, youths, and mens, and have them marked at the lowest possible prices. Call to-night, Saturday, and get a suit. Open till nine o'clock.—Jas Paton & Co.

Fresh supply of oranges at 24 cents per dozen; also pineapples, bananas, tomatoes and lemons, received at Sanderson & Co's. may 23

Written For The Examiner.

The Siege of Quebec

THE SIEGE.

Just Spirit! from the empyrean heights, regard this lower clime! From anthems of eternity, from angel theme sublime Look down upon those woe-worn lives, replete of misery! Stretch forth Thine arm to stem the tide of mortal agony! The groaning years have waited long to hail the reign of peace, Omnipotence give forth Thy word, bid war and tumult cease! Then harmony shall tune its chords; for plaintive, low-voiced song Rejoicings of a ransomed world shall seraph notes prolong.

Since passion waged the bloody deed that slew by Eden's gate, The earth hath borne its bitter fruit of envy's cruel hate; Even God in man is crushed beneath insatiate thirst of gain, A thirst unquenched though streams of blood have purpled earth and main. Oh rarely beautiful, blooming world! Why should the true and brave, Whilst meaner souls usurp thy joys, claim but in thee a grave! Thou, Oh Supreme! Whose glory lit confusion's dreary night, Out cast the chaos of the years, in flood Thy glorious light!

Power Benign! Thy influence shed, the brutal passions tame! Let pure and holy altar light, from clear cerulean flame, Beam into dark and vile recess of evil's inmost heart! Incite the nobler sentiments to set the nobler part! Then war no more shall devastate the work of toilome hand, Nor wailing tones of hunger pain sigh o'er a fruitful land; Into Oblivion's direst shades shall wrong and woe be hurled, And cycles of millennial bliss illumine a sinless world.

Dragged up were the ponderous guns, dragged up the slippery hill— What task too hard for British hands when backed by British will! Impelled o'er war-worn field of death, of visage stained and scarred, Till set against the citadel, a grim, relentless guard. Ont echoes through the silent streets the cannon's doleful boom, The famine-struck are fain to feel sure bodings of their doom;— Four lingering days of torture, when exhausted nature calls To sheathe the patriot sword and leave the long-loved native halls.

Full tenderly the mellow light of autumn's tranquil hours In splendor decked the forest shades and gill the wayside flowers, Rose-tinted all the fleecy clouds which flecked the arc of blue, Reflecting on the sullen wave a brighter, warmer hue. Yet, in its placid majesty, from out that sky serene, That autumn sun looked down upon a sad and bitter scene; Starvation's wan and wasted cheek, the crushed soul of the brave, The tomb of those who nobly earned a patriot soldier's grave.

Lay down thy arms, oh, hero-heart! thou shamest not thy crest; They own no coward vassalage who bow at Heaven's behest; Though from the river and the tree there vanisheth for aye The ensign which so proudly bore the brunt of many a fray, Yet honor bideeth with thee still, and though thy fleur-de-lis Is grafted in the English rose, thou bend'st a faithful knee At thy faith's shrine; thy language lives, nor shall thy glory fade While snows o'ermantle mountain steep, or zephyrs fan the glade.

Thou, Conqueror! whose ancient flag floats out on every breeze, Whose power is felt, whose might is owned by high and further seas; To thee is given a wider scope within this sphere of change, To work out mightier designs upon a vaster range; Thwart not thy royal prestige, hold not thy royal hand, But open wider, still more wider, this haven for every land; This boundless, fair, Canadian land—land of especial grace, Where freedom yieldeth equal rights to every clime and race.

Still, peerless queen of peerless land! in nature's choicest zone Thou sitt'st in regal dignity upon thy rocky throne; The glorious memories of the past thy future glories greet, And fadeless laurels wreath thy brow, as ocean waves thy feet. Fair home of faithful, loyal hearts! shrine of the mighty dead! Whose valor rested not till hid within its gory bed; Right royal sitt'st thou on thy heights, with Empire's flag unfurled, The brightest gem by sea or plain of all this Western World.

MRS. A. D. MACLEOD.

Trunks and valises, just received. A large stock selling low at J. B. MacDonald's.

Special Importation of Extra Quality FOR QUEEN'S BIRTHDAY,

In Pine Apples, Bananas, Tomatoes, Oranges and Lemons.

Also—Other Requisites for Holiday Excursions at SANDERSON & CO'S. may 23—11

AUCTION

—AT THE— Italian Warehouse.

I WILL SELL AT AUCTION, on TUESDAY, the 26th inst., at 11 o'clock, noon: A lot of Furniture, Wine and Champagne Glasses, Tumblers, Decanters, Lamps, etc., and a lot of small articles. Also—A very fine Refrigerator (cost \$35). Sale positive. No reserve. CHARLES I. MORRISON, may 23 Auctioneer.

REV. DR. M'GLYNN

—LECTURES IN THE— MARKET HALL

—ON— Monday & Tuesday Ev'gs, June 1st and 2nd.

SUBJECTS: Monday—"The Labor Problem." Tuesday—"Religion & Equal Rights."

Doors open at 7.30; Lecture to commence at 8 o'clock. Admission, 35c; Reserved Seats, 50c.

Tickets now on sale at Apothecaries' Hall, Medical Hall, C. D. Rankin's, Reddin Bros., F. de C. Davies, W. R. Watson's and A. S. Johnson's Drug Stores; also at Hazard & Moore's and the Diamond Bookstore. SECURE YOUR TICKETS EARLY! may 22—s w f m

Queen's Birthday. WE, the undersigned Merchants of Charlottetown, agree to close our respective places of business on MONDAY, May 25th, inst., to help to celebrate the Queen's Birthday.

BEER BROS., PERKINS & STERN'S, HARRIS & STEWART, JAMES PATON & CO., STANLEY BROS., PROWSE BROS., J. B. MACDONALD. may 23

FLOUR.

In Stock and to Arrive: 250 BARRELS WHITE CLOUD, 500 " Kent, 125 " Puritan, 125 " Howard, 125 " Diadem, 125 " Daily Bread, At Lowest Prices Wholesale. FENTON T. NEWBERRY.

Cornmeal and Oatmeal.

Due This Week: 250 BARRELS K. D. CORNMEAL, 100 " OATMEAL, 75 " ROLLED OATS, FENTON T. NEWBERRY.

BRAN AND SHORTS.

JUST RECEIVED:—Two Carloads Bran and Shorts. FENTON T. NEWBERRY.

BEANS, BAKING SODA.

NOW LANDING:—100 barrels Beans; 100 kegs Baking Soda. FENTON T. NEWBERRY.

BUTTER SALT

Landing ex. "Erema" from Liverpool: 150 Bags Factory Filled. F. T. NEWBERRY.

SUGAR AND MOLASSES

In Store and to arrive: 75 Bbls Refined Sugar, 50 " Granulated do, 25 " Barbadoes Grocery do, 40 Hbls " do do, 300 puns Barbadoes, Antigua and Demerara Molasses. At lowest prices. F. T. NEWBERRY.

KEROSENE

150 Casks WHITE ROSE, 75 " OLEOPHELE (Water White). FENTON T. NEWBERRY. may 22—dy 6i w li

WRECKED VESSEL FOR SALE.

TO BE SOLD BY PUBLIC AUCTION, On Tuesday, May 26th, inst., At 11 o'clock in the morning, AT RED POINT, LOT 46, IN KING'S COE'SY, THE BARK SONDRÉ NORGE as she now lies stranded. ALSO—All her tackle, apparel, stores and furniture. Terms cash. CYRUS STEWART, Broker. Red Point, Lot 46, May 22—4 ti sile

P. E. ISLAND RAILWAY.

Queen's Birthday. EXCURSION RETURN TICKETS will be issued at one first-class fare to and from Stations on this Railway by Afternoon Trains on SATURDAY, May 23rd, inst., and by all trains on MONDAY, May 25th, good to return up to and on May 27th, 1891. J. UNSWORTH, Superintendent. Railway Office, Charlottetown, may 18, 1891. all prs

BLACK GOODS

THE ADVANTAGES we offer you in our Special Departments are many that a personal visit is all that is necessary to convince you of them.

Being large purchasers of BLACK DRESS GOODS, we secure the very lowest prices in every case; and, as a result, are in a position to do as well for you as any house in Canada. The points we ask your attention to are:

Beauty of Texture, Finish, Color, Width, Weight, Price.

Every Requisite of Family Mourning in large variety. BEER BROS.

FISHING!

FLIES!—Over 100 varieties, including all old favorites and many new patterns for inland and sea fishing. The largest and best assortment ever shown here.

RODS—all prices from 50c. to \$10.00; TIPS, RINGS, KEEPERS, etc., etc., etc.

WATSON'S DRUG STORE.

Charlottetown, May 19, 1891.

STRENGTH

—IS WHAT— JOHNSTON'S FLUID BEEF IMPARTS.

Forms Sinew and Muscle, and gives soundness to the Constitution. May 11—4y & wky

A Reputation of Five and Twenty Years Standing

THE GREAT INVIGORATING TONIC. CAMPBELL'S QUININE WINE.

INVALUABLE in cases of Loss of Appetite, Weak or Painful Indigestion, Malaise, Lowness of Spirits, Fevers of all kinds, and as a general Strengthening of the System when weakened by changes of the season.

It is necessary to remember that there are many so-called Quinine Wines, but that the GREAT ORIGINAL is "Campbell's," and that the genuine bears our signature upon the label. The best proof of its value is the fact that its sale at the present time is larger than ever before.

The following certificate shows how CAMPBELL'S QUININE WINE is appreciated. Having submitted two samples of Quinine Wine, imitations of the genuine, along with a sample of our own, to the Public Analyst, we received the following reply:—"CAMPBELL'S" is the only genuine Quinine Wine of the three samples examined at Messrs. Kenneth Campbell & Co's. request." JOHN BAKER EDWARDS, Ph. D., F. C. S., Public Analyst. ap 21

Extensive Sale of CARRIAGES BY AUCTION.

I WILL SELL BY AUCTION, in front of my Sales Room, on FRIDAY, the 29th day of May, instant, at 2 o'clock, p. m.:— One Car of SUPERIOR CARRIAGES, comprising 42 Rigs, in Phaetons, Buggies, Open Wagons and Road Carts. The above Carriages just received from one of the leading manufacturers in the Dominion. No old stock. Every Carriage offered will be sold without reserve. No pulling. Terms—Three and Six Months. R. BEAIRSTO, Auctioneer. may 21

PROPERTY SALE.

WE are instructed by His Lordship Bishop McDonald to offer for positive sale on Friday, May 29, AT 12 O'CLOCK, NOON, BY AUCTION The Valuable Property at the Head of Steam Navigation Co's. Wharf, and on Water Street, opposite the Hotel Davies. This property has been divided into lots, as shown on plan, and is now specially desirable either for business purposes or private residences. E. H. NORTON & CO., Auctioneers. may 21—tl sile

NOTICE TO THE PUBLIC.

THE attention of Citizens is directed to Section 163 of "The City of Charlottetown Incorporation Act," which reads as follows:—"No cess-pool, ash-pit, manure-pit, or other place for the reception of slops, washings or drainings, shall be used in the said City of a greater depth than two feet below the surface of the ground, and all such cess-pools, washings, manure-pits, or other receptacles as here said, are of a greater depth, shall immediately be thoroughly cleansed and filled up with ashes or clean clay."

Any person aware of the existence of such places will confer a favor upon the undersigned by reporting the same at once, as he is determined that the law shall be rigidly enforced. SAMUEL McRAE, Sanitary Officer. may 22—3i pat 2i gnar 2i

TO LET.—The Cottage on Upper Prince Street at present occupied by Mr. McNutt. It contains 8 rooms and kitchen, the cellar is full size of house and large garden in rear. Apply on the premises or to F. L. HAZARD. 1st pr—may 18