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THE DAILY EXAMINER.

APRIL 24, 1879.

Beet Culture for Sugar.

FRANCE and Germany have successfully experimented in beet culture for sugar. It is no longer a speculative undertaking; it is a certainty. In France the culture of beet for sugar has grown into a vast industry, and in Germany it has become a staple article of farm produce. Here is a new industry for some one to undertake in Canada. The soil of this Island is undoubtedly well adapted for the cultivation of beet; and now when the state of the country looks more hopeful, and when our sugar refiners are again beginning to make money out of the sugar cane, the wealthier farmers and more enterprising traders of the Island will probably start manufacturing sugar out of beet root, and thus make money for themselves and furnish a healthy competition which will keep the prices in a fair condition for the consumer as well as for the producer.

We have recently received from Dr. Murtart, M. P., a pamphlet which contains much valuable information respecting the sugar beet. In 1870 Mr. Edward A. Barnard, Director of Agriculture for Quebec, was sent to Europe by the Provincial Government to "study up" the beet sugar question. Since his return sugar beet seed has been introduced into Quebec; and Mr. Barnard says with the most satisfactory results. In his evidence before a Committee of the Dominion Parliament last year, Mr. Barnard said:—

"I have with me here statements from Mr. Walkhoff and others, amongst the very best authorities in Europe, which show that our beets, on the average, are richer than those of France or Belgium, and that the returns here are so extraordinary, that if the returns were not official, the best authorities in Europe would hardly believe it. The return was from soil not very well cultivated—for, unfortunately many of our farmers are not very good agriculturists—yet the yield was from 20 to 25 tons per acre of sugar beets, while the average in Europe is from 10 to 15 tons."

Mr. Barnard goes on to say that he believes 20 to 25 tons per acre could be generally raised in Quebec; provided they are cultivated in rich soil and close enough together. In France, he says, the average proportion of sugar produced from beets is about 5 per cent.; while in Germany, where they have the best system of beet cultivation and good implements, the quantity obtained ranges from 8 to 10½ per cent. of refined sugar. They have all to look to a foreign market for their surplus of sugar. The United States import annually about \$6,000,000 of European beet sugar. In Germany last year one factory made a net profit of 56½ per cent. In France the manufacturers, whilst making large profits, could pay the farmers good prices even for very poor beets.

The territory of France covered by manufacturing factories is so very small that, in fact, it hardly extends over a territory equal to three large Counties in the Province of Quebec. Yet they have about six hundred factories; and in 1875 the production was 463,000 tons, of which nearly 230,000 tons were exported to England and other countries. Mr. Barnard believes the climate of Canada favorable to the growth and manufacture of the sugar beet. And he says that Mr. Walkhoff, a specialist in the matter, says: "The yield was so enormous that, if such results were generally realized, the production of beet sugar in Canada would be more to that country than the finding of a rich mine of any precious metal."

Mr. Barnard says that properly refined beet sugar cannot be distinguished from that of the sugar cane—even by the best judges.

Twenty-five tons to the acre were in Quebec produced from land manured only by barn-yard manure. They were considered excellent, and produced over 12½ per cent of sugar.

It is best to grow the sugar beet entirely under ground—not further than 18 inches between the rows and 7 inches between the beets. Mr. Barnard advises from 15 to 16 pounds of seed to the acre.

Chemical analysis has proved that the beet root grown in the Dominion contains

as much saccharine properties as that of France and Germany.

The proper average time to sow sugar beets in Quebec is about the 15th of May. They may be sown as early as April or as late as June.

The sugar beet has no insect enemies.

In France the seed costs about 8 cents per lb. In Canada it costs considerably more because it is scarce.

The great advantage of cultivating the sugar beet is, that for the first crop you require little manure, and after a heavy turnip crop you can obtain a good crop of beets, without any additional manuring, if you cultivate properly.

The plant takes its sugar element from the atmosphere. Therefore, as long as the other elements in the beet are returned to the soil, in the shape of manure obtained by feeding the pulp of the beet and the straw, the land loses nothing. On the contrary, it is improved by the numerous workings, which are necessary for the cultivation of the beet crop. The fact is, the farmer gets a large return from the sale of his beets, and obtains, moreover, a large quantity of pulp which actually costs him nothing; and having fed it to his cattle he obtains much richer and more manure than by any other system of farming.

The deeper the ploughing the better, as long as the soil can be thoroughly drained, and that the rich mould is not covered up by the poorer subsoil.

The best soil for the cultivation of the beet is the rich barley soil. In any soil, either naturally or artificially prepared for a good crop of barley, you can get a good crop of beets.

Manufacturers allow \$4 per ton for sugar beets; and some pay as high as \$6 per ton for the best quality.

If there were local factories, the farmer who sold his beets for \$4 per ton ought to get the pulp back, free, for feed for his cattle.

The pamphlet contains much information relative to the manufacture of sugar from the beets. This we shall lay before our readers at a future date.

With a proper system of cultivation, the effects of beet raising upon the soil are such that the production of wheat has been more than doubled on a whole district wherein beets have been raised.

Official statements, which have been published, show that the effect of the cultivation of the beet root has also been to increase the food of cattle to such an extent that in one particular district, where only 400 head of horned cattle were reared before, 10,000 had been fattened since the establishment of the industry. With the addition of beet root pulp, straw has become an excellent element of food.

Beets sown in Quebec in June and pulled in October were shown to be quite rich. But late sowing would require a warm summer, not too dry, and a not unusually severe fall.

The Canada Temperance Act.

THE Canada Temperance Act was, to-day, submitted to the electors of this city. As we predicted the contest was, by no means, a tight one, although those for and against the petition worked earnestly. The following is the result:—

	FOR PETITION.	AGAINST PETITION.
1st Div.—James Curtis	99	49
2nd " King St. Engine House	154	59
3rd " Market House	137	56
4th " King Square	180	45
5th " H'd Queen Street	128	28
6th " Hooper's, Euston Street	159	27
Total	857	244

Majority in favor of petition 613

The Souris Mystery.

THE "INDIAN'S STORY CONTRADICTED."

On the 20th December last, there appeared in our columns and alleged report—based upon what we then supposed to be authentic information—of an Indian's statement respecting the mystery which surrounds the death of the late Edward Lyons. In that report statements were made, seriously affecting the character of William Willis, of Souris East, and his wife. We have recently learned the whole of the alleged statement was based upon erroneous information, and we exceedingly regret that it found a place in THE EXAMINER. Desiring to do full justice to the parties injured by the publication of the story, we now give to its contradiction the same prominence and publicity that we gave to it. Further, we desire to state that we believe Mr. Willis and his wife to be entirely innocent of any knowledge or any connection whatever with the death of the said Edward Lyons, or of robbing the person of the said Lyons previous to his death, or of any other suspicious circumstances alleged to have been related by the said Indian.

Opening of the Legislature.

His Honor the Lieutenant Governor being unwell, the Legislature was opened (under commission) by the Chief Justice. The Guard of Honor was under command of Major Pollard. A goodly number of ladies and a large body of gentlemen were assembled in the Legislative Council Chamber, when the Chief Justice arrived and summoned the faithful Commoners. The faithful Commoners appeared; but were ordered back to choose a Speaker. Having returned to their Chamber,—

HON. MR. SULLIVAN moved that JOHN A. McDONALD, Esq., a representative of the Third District of Prince County, be appointed Speaker.

HON. JOHN LEFURGEY seconded the motion.

Mr. McDONALD was elected without opposition. He thanked the House for the high honor they conferred upon him, and took the chair.

The House then returned to the Legislative Council Chamber, and the session was formally opened with the following

SPEECH:

Mr. President and Honorable Gentlemen of the Legislative Council:

Mr. Speaker and Gentlemen of the House of Assembly:

I am happy to meet you in your Legislative capacity. The season at which I have been obliged to call you together must, I fear, occasion inconvenience to many of you.

I regret to inform you that the finances of the Province are in a most unsatisfactory condition; in order to extinguish the public indebtedness, as well as to keep the current expenditure within the revenue, it will be necessary to practice the most stringent economy in every department.

My Government, believing that this Province is entitled to a proportional share of the Fishery Award, will use every exertion to obtain the same. Papers relating to this subject will be placed before you.

The cost of Elections and Legislations has become a heavy drain upon the limited resources of the Province, and your attention will be directed to the adoption of measures for its reduction.

A Bill for the abolition of the Legislative Council will be introduced.

Mr. Speaker and Gentlemen of the House of Assembly:

The Public Accounts and Estimates for the current year will be submitted for your consideration.

Mr. President and Honorable Gentlemen of the Legislative Council:

Mr. Speaker and Gentlemen of the House of Assembly:

It is desirable to amend the laws pertaining to the Civil Service, so as to secure increased efficiency in the management of the Public Departments, and reduce the outlay for administration to the lowest possible amount.

A measure relating to Public Roads and Bridges will be laid before you.

The abolition of imprisonment for debt and the enactment of a Lien Law demand your attention.

The Assessment Act has proved unsatisfactory. You will, therefore, be invited to consider the best means of supplementing the ordinary Public Revenue.

It gives me much pleasure to inform you that the Small Pox which, in December last, broke out at Alberton has entirely disappeared.

In committing to you the Legislative business of the Session, I fervently trust that your deliberations may, under the guidance of Almighty God, contribute to the peace, prosperity, and advancement of Prince Edward Island.

HON. MR. SULLIVAN introduced an Act to repeal Section 49 of the Public Works' Act, respecting the payment of tolls.

The following officials were then appointed:—

- Clerk—Archibald McNeill,
- Assist. Clerk—Fred'k W. Hughes,
- Sergt.-at-Arms—Donald McKenzie,
- Law Clerk—A. A. McLean,
- Reporters—Isaac Oxenham and Thomas P. Gorman,
- Messengers—W. S. Sabine and George Tanton, jun'r.
- Doorkeepers—John Heaffy and N. Patterson.

The various standing Committees of the House were also appointed.

HON. MR. SULLIVAN formally announced to the House the death of Hon. Francis Kelly. In doing so he paid a tribute to the esteemed memory of the deceased representative of the Third District of Queen's County.

Twenty-five to Four!

A DIVISION called for by Mr. Yeo, showed the strength of the Opposition to be four, and that of the Government twenty-five. We assume that Mr. Yeo is Leader of the Opposition.

A MISSOURI maiden was so bent on marrying the lover she had engaged to meet at Belmont, that to escape the pursuing grandfather on the same train, she rode past Belmont, and when two or three miles from the place, with the train under full headway, she suddenly ran out on the platform and leaped off, marvellously escaping serious injury. She walked back to Belmont, where she met her man and was legally his before the grandfather could return to interfere.

The Quebec Corporation is in a state of bankruptcy, and but for the Union Bank discounting their note of \$160,000 on Friday last, their bonds maturing in London on 1st May would have gone to protest.

NEWS BY TELEGRAPH.

Ottawa and Foreign News.

LONDON, April 23.

Ekows was burned by the Zulus on the 5th, after the evacuation. There is strong evidence that the Transvaal boers are tampering with chief Mapoch, endeavoring to induce him to join against the British.

BEGRAD, April 22.

The Albanians have occupied the heights of Sunakoff and the redoubts erected by the Turks during the war, and, with one-and-a-half battalions, successfully withstood the attack of three Servian divisions. There has been three days severe fighting. The Servians attempted to dislodge the Albanians, but was unsuccessful. The Servian loss was seven hundred.

LONDON, April 23.

"Parole" is now a strong favorite at 6 to 4 for the great Metropolitan stakes handicap which is to be run to-day at Epsom. In consequence of his winning yesterday he has to carry ten pounds extra for the Prince of Wales stakes handicap.

OTTAWA, April 23.

Mr. Brechard has given notice of his intention to introduce a Bill for the purpose of effecting a reduction in the salaries and allowances of certain public functionaries and officers, and also to reduce the indemnity to members and senators.

Insolvent Act of 1875 and Amending Acts.

In the matter of James Duncan, John Ferguson Robertson, and Robert Robertson Hodgson; trading under the style, firm and name of James Duncan & Co.

By PUBLIC AUCTION, will be sold

ON WEDNESDAY,

the 21st day of MAY, at 12 O'CLOCK, noon, at Duncan's Wharf, Charlottetown, where she now lies.

The Brigantine "L. J. WESTAWAY," built at P. E. Island, in November, 1871, 278 tons register. Length, 125 feet; breadth, 27.2, depth, 12.9. This fine vessel was thoroughly repaired at Pictou in May last, and had a complete new set of Masts, Spars, Sails and Rigging, metalled, and reclassed at Lloyd's, A1 in red, for three years.

—ALSO—

At the Public Wharf at Pictou, where she now lies, on FRIDAY, the 23rd day of MAY, at 12 o'clock, noon.

The Brig "PEERLESS," built in P. E. Island, in August, 1877, 249 tons register. Length, 104 feet; breadth, 25.8; depth, 12.9. Classed A1 7 years at Lloyd's, has a very good outfit, and loaded with deals under a charter for Liverpool, G. B.

Terms at sale. For further particulars, apply to

B. WILSON HIGGS, Assignee.

Charlottetown, P. E. Island, 23rd April, 1879.—2aw t sale [24, 79.

CONTINUATION

—OF—

SALE OF TINWARE, &c., &c.

THE SALE OF TINWARE, etc., at the Store of the late W. B. ALLIN, will be continued at Auction on Saturday Next, 26th inst., at 11 o'clock, when the balance of the Stock-in Trade, etc., will be disposed of.

Bargains may be expected. WILLIAM DODD, Auctioneer. Ch'town, April 24, '79.—2in

MOLASSES.

JUST RECEIVED ex "M. A. Starr" via Georgetown,

21 puns. Choice New Crop DEMERARA MOLASSES.

For Sale Low.

FENTON T. NEWBERY CO.

April 23, 1879—3i

BARLEY. BARLEY.

WE WANT Two Thousand Bush. of Two-rowed BARLEY, to be delivered before the 15th of MAY.

CASH ON DELIVERY. MORRIS & HYNDMAN. Brighton Brewery, April 23, 1879. her ne pat 2ins

The Insolvent Act of 1875, and Amending Acts.

In the matter of Syllvanus Keith & Co., Insolvents:

A DIVIDEND SHEET has been prepared, open to objection until the 5th day of May next, after which Dividend will be paid.

C. V. MCGREGOR, Assignee.

Ch'town, P. E. I., April 22, 1879—rg 2i

Molasses and Sugar.

TO arrive per "SIENA," due here from West Indies about 5th of May,—

- 150 puns. choice Barbadoes } MOLASSES.
- 200 do Trinidad }
- 20 hds. }
- 20 tierces } BRIGHT CROCCERY SUCAR.

Also, first open water:

- 20 hds Bt. English Refined } SUCAR.
- 40 bbls. Granulated }

Fenton T. Newbery & Co.

April 21, 1879—4i



ODD FELLOWS'

Natal Day Celebration, 1879.



AN ENTERTAINMENT!

WILL BE GIVEN IN THE

MARKET HALL,

under the auspices of the Odd Fellows of P. E. Island.

—ON—

Saturday,

the 26th of April, inst.,

CONSISTING IN PART OF

INSTRUMENTAL MUSIC, VOCAL MUSIC, CHARACTER SONGS, READINGS, &c., &c.
 BY THE BEST TALENT.

A leading feature of the Entertainment will be several Choice Musical Selections by the

Charlottetown Orchestral Club;

and as the Committee have engaged the services of Professor Earle to take charge of the Vocal and Instrumental part of the programme, a good time may be expected, and they hope, as in the past, to be favored with a crowded house.

TICKETS—Reserved Seats, 50 cents; unreserved do., 25 cents—to be had at the Apothecaries' Hall, Bremner Bros., T. L. Chappelle's, and from the Committee.

DOORS OPEN at 7 o'clock; performance to commence at 8 o'clock, sharp.
 T. L. CHAPPELLE, | E. W. DAWSON,
 Chairman. | Sec'y Com.
 April 7, 1879—cod 1 week 6i

"WESTBOURNE."

Desirable West End Residence.

I WILL SELL AT AUCTION, ON THE PREMISES,

On Monday, the 5th of May,

AT 12 O'CLOCK, NOON,

That Handsome New Dwelling House, situated on West Street, commanding a lovely and extensive view of the harbor and surrounding river scenery, and at present occupied by J. S. CARVELL, Esq. The house contains Fifteen Rooms, besides Kitchen, Scullery, Pantries, Bath Rooms, Closets, and all modern conveniences. It is heated by hot air throughout, and has hot and cold water in the principal bedrooms. There are Verandahs on the south and west sides. A stable fitted for two horses and two cows, Harness Room, Coach House, Ice House and Wood Shed, Water fit for all purposes is to be had from a Well sunk in the cellar and connected with a brick tank.

The land measures 125 feet on West Street, and extends back 290 feet to the River (with water privileges) and is tastefully laid out with Walks, Lawn, and Ornamental Trees. This Property is most eligibly situated in a good neighborhood, is in close proximity to Government House and Victoria Park, and is unrivalled in its appointments as a Gentleman's Private residence.

TERMS—Twenty-five per cent. cash down, and the balance to be secured on the premises, payable in 4 years with interest at 6 per cent., payable half-yearly.

Immediate possession given. For further information apply to WILLIAM DODD, Auctioneer.

Kerosene Oil Barrels.

I AM BUYING for a few days.

H. COOMBS.

Ch'town, April 19.

Wants. Lost, Found, &c.

Advertisements under this heading, in spaces not exceeding half an inch, will be inserted for Ten Cents per day.

Wanted.—Those in need of servants—male or female—to work in any capacity, can be supplied, without fee, on application to the Employment Office, opposite Rocklin House, Kent street. April 24

TO LET—A House containing 9 rooms with Coach-house and Stable, pleasantly situated. Rent moderate. Apply at this Office. [April 23, 1879.

Boarders Wanted.—A few more can be accommodated at a reasonable figure, on Fitzroy street, opposite the residence of Wm. Brown, Esq. MRS. JACKSON, late of Seaside Hotel. Ch'town, April 23—2w

Lost—On the 22nd inst., a PARCEL containing TWO CHILDREN'S HATS and Ostrich Feathers. The finder will be rewarded by sending the same to the EXAMINER Office. April 23, 1879—2i

To Let.—A HOUSE containing 4 rooms, a good cellar and yard, situated near Lea's Factory, east end of Grafton Street. Apply to R. B. HUESTIS, At A. A. Baldwin & Co.'s. April 23, 1879.