[From the Scientific American.] EDUCATED FARMERS.

If we were asked to point out any especial fact as denoting beyond all others our rapid progression in knowledge and in civilization, city after the present harvest is gamered. It we should select the strong tendency every where manifest to abolish empiricism in all pend your labor and means at Cornell, Ampursuits of life. It is not very long ago that herst, Dartmouth, and other like colleges, and and parts, and calculated to make his" the physician administered his remedies blind obtain such an education as we have described mark.) has written a capital letter to the ly, and knew less of the functions of the heart then; "go West," pre-empt your land, and Brantford Ont. Adcocate, in which h than does his modern descendant of the spleen start on the high roal to independence and gives a glowing description of St. Andrews; David Johnston, Committee. and gall bladder. Meteorology, most fickle of ultimate fortune. all sciences, based as it is on the most change able of all things, the weather, has within a

fogs of empirical conjecture as that of agricul-ture. Up to the end of the last century even, suits from soundings are to be made this week. Shiretown of Charlotte County, the birth her proportion of all it would have been composition of all it would have been composition of all it would have been composition of the charch in the matpeople believed that air, water, oil, and salts The next operation will be the removal of the place of his maternal refations, many of were the sources of plant nutrition, Wallerius loose tock by dielging. Bergmon, Palissy, Davy, De Saussure, and Lord Carnarvon has transmitted a despatch

was scattered and little known outs de their the Supreme Court and Court of Exchequer laboratories. It was reserved for the genius of Act. This leaves the Act in force. Liebeg to unite all these fragments of truth ; The Drinking Prohibitory Act is being car but it was not until 1840 that he produced his great work "Chemistry in its Application to tion appears to be the order of the day. A riculture and Phy-ib'ery," and thus gathered in concrete form the materials which are the it will issue Letters of Credit to travellers basis of a now great and rapidly growing sci-ence. It is hard to realize that agricultural going to any place on the globe. chemistry has found "its application for but 26 . C. H. Pozier has been gaz-tted years, so clearly are its benefits before us in. He formerly represented Beauce. tangible form. But on the other hand, this only serves to indicate to us how vast must be the increase in Ontario and Quebec. the results yet to come, when agriculture Cattle and Proluce are being shipped in

through the instrumentality of its knowledge. large quantities to Great Britain ; the trade is shall have become in its turn as exact as its on the increase. sister sciences, and as 'susceptible of being taught and learnt in the same manner as they And to attain this much desired end, our is the title of a pamphlet received, written schools and colleges, under the guidance of far seeing men, are doing splendid work.

The youngest of our universities, Cornell, established and agricultural department three years ago, under the charge of Professor Roh erts, the farm consisting of 150 acres, in no over gool condition. Upon this tract of land a "protective" policy, and as this is to the whole science of raising crops; as well as some extent a debateable subject we leave the business of managing a farm, is taught with the matter in the han's of Parliament a thoroughness which we doubt has ever been exceeded. Eighteen square rols of clover, for we are inclined to the belief, that "a proinstance, are set apart for eighteen differen experiments with corn, three rows of each questions during the new Parliamentar experiments with corn, three rows of each kind, or of each mole of manuring, or of the different moder of management in other res-pects, extend across the field. There are also The Hon. Mr. MacKonzie and Sir John

furrow. Go look at the superb exhibit in Bradford left on Thersday last, by stea mer Agricultural Hall, and think of the possibili. to visit the centennial ; others are to fol The organizatian of a Faumers League for ties which educated farmers cultivating such low early in October. land might accomplish. Think of it. stalwart city after the present harvest, is garnered, to find work where there is none to be had. Ex-

hr Standard

invariable results, for has not a college been an armsistice; the great Powers however de-endowed, to educate our fulure chefs decuisined mand the conclusion of the armsistice. In the man articles written in local papers, com-imms and objects of the League are to mand the conclusion of the armsistice, build meaning are being beld interested writter. It is to be presumed be held fortnightly; the next regular meeting humb rules in every trale are now scouted by intelligent workingmen. The world has shaped itself into a gigantic point of interroga-tion; "why" is the question of the hour, and failt in things earthly is confined only to those who, like the deluded partisans of Keely and others of his ilk, mistake jacon mean into many reactions of the Balgari. The world has shall produce more, and bay

others of his ilk, mistake ignorance of that The great explosion at Holl Gate, New York ating climate, healthful sea bathing, pleas which is possible for belief in that which is not. Instance is a spectrum on and was sue. and drives, in diversity of annasements in cessful. No damage was done to any building fishing, shooting, sailing, and ho-pitality. Of all the sciences, none within recent years or person. It is supposed that the obstacle to Oa the part of our townsmen we tender has so quickly emancipated itself from the navigation has been removed. The operation their 'acknowledgements to our young fogs of empirical conjecture as that of agricul- was witnessed by 200,000 people, and the re. friend, for his kindly reference to the

C. II. Pozier has been gaz ttel to the Senate Crime of every descr.p ion, appears to be or

INDUSTRIAL CANADA,

by A. Baumgarten, Ph. D., profontreal Its main bjeet is to show, how Canadian Resources may be developed. From tursory glance at its contents it appear to-us that it is strongly impregnated with From recent politicar speeches in Ontario

tective tariff" will be one of the mai

experimental strips of oats and wheat ;, and A. MacDonald have dealt with the que thus every method of cultivation of all the tion in their late ; reat political speeches farm products incident to our climate is prac- from different stand points. Sir John tised directly before the student, who is re- lavors a moderate protection, while Mr

----held at the school house, Bay Side, Parish AS OTHERS SIE US. St. Croix, on Saturday evening last," by the

e-

election of the following office bearers : Our friend, Ma. RyBRIDGE, (who by the way is a young man of excellent abilities

from which it appears he was favorably ward during the evening and signed the roll seaboard from Long Island to Hatteras the impressed with the people and town. We of membership.

FARMER'S LEAGUE

James Russel, Esq., President ;

Charles. E. Mowatt, Secty.,

John Curry, Treasurer ;

Henry Hitchings, Esq., Vice Pres.,

ous vote tendered to Joim S. Magee Esq., for kindness in acting as Secretary to this and previous meetings. THE SHORE Line. - Work on the Shore Line

whom still reside here. Mr. Rabridge, will be done at Elisworth, and the laborers of a grave crisis is at hand his sister, and Mr. Wood, left here a week Calais will be out in the cald. Proper action Sprengel contributed discovery after discovery after discovery to the Governor General, in which he states investigation after investigation after investigation, but their work that the Queen will not be advised to disallow

> best young men, and an able machifist, Mr. HERBEAT LAME, left this morning by train to catch the Mail S enship at Bos too, for England. He has received an appointment with the African Diamoid Company of London and will proceed with the results the first with a standing of S20. best young men, and an able machinist,

he spent his early byhood. 'M : Lamb and Horseman take the Schelarships from the cr. ies with him the best wishes for his success of his follow townsmen. Thus it bury, Gloucester, Charlotte, Kent and Albert. is our young man are leaving the Province . Atriest daily.

..... Telegrams state that Lord Dufferin ad-dressed reception committies of Victoria, who were invited to meet him: he said "he had come to British Columbia, not to

considered the Treaty entered into upon Confederation binding, and was anxious to fail the account of the treat of the tre il her engagements under it as soon as

gard to his resolution to sever himself from the ministry .- Edinburgh Ado.

THE EQUINOCTIAL STORM .- The Boston Charlotte County, was effected at a meeting Globe says :-

"The equinoctial storm began early Sunday morning; and the rains descended and the flowls came for twenty-four hours with but brief intervals of cessation. Though the rain-fall was very heavyamounting to more than the whole regis-John Curry, Treasurer; Messrs, Joseph H. Mears, John C. Wren and companying gale. On the New England gives a glowing description of St. Andrews: David Johnston, Committee. its scenery, climate, and surroundings, An additional number of persons came for been caused, while all along the Atlantic

storm raged with great fury. The bay wery few years made marvellous strides; and we are certainly advancing to a point when it will be as easy to fortell the rain and storm of tomorrow as to remember the fine weather of yesterday. Even conkery is no longer to be the science in which unaccurately composaled ingredients, under constant varying conflictions, are supposed by some pleasant fielton to yield an armistice; the great Powers however de-intervision of the main state in the way of an armistice; the great powers however de-intervision the galaxies in the way of an armistice; the great Powers however de-intervision to mainy ves-main an armistice; the great Powers however de-intervision the galaxies in the way of an armistice; the great Powers however de-intervision to mainy ves-main armistice; the great Powers however de-intervision to mainy ves-main an armistice; the great Powers however de-intervision to mainy ves-main an armistice; the great Powers however de-intervision to mainy ves-mains and old ets of the League.

> terested writer. It is to be presumed be held fortnightly; the next regular meeting Mr. J. H. Morrison, late of the Portland October 7th, when the following topic will be day last to study medicine at Belleve Col-

sels

The Rev. Messrs Naught, M. Lachlan al Taylor, with their congregations, have en formally received by the established Presbytery of Glasgow, whilst in the Glasgow Free Presbytory some very severe trictures have been passed upon the acion of the Glasgow Fre e Church Bailding is to be commenced at once. Had Calais voted committee wits also appointed to watch Society in relation to the secessions.

menced at this end. As it is the first work ter; and by many it was felt and said that

in which event the general manager, promises were made on the 25th ait., within the mi-that we shall ride to Machias by railroad in a litary lines at Chatham, Eng., with a flyreconnoitering, the invention of Mr. J

the English and workman for the Dia and the second with a standing of 720. Mr. The English Government has decided to plate the hulls of war ships with steel in-While regre, ing the loss of our St. And-rews sons, we congratulate him on the

rews sons, we congratulate him on the lucrative and responsible position to which as has been appointed. Mr. Lumb was a aniversel favorite, and deservedly so; and will up doubt be as popular in his new field of inter school sont schools, at least one and probably more students will yet join in the Freshman Class, but, strange to say, not a as he was in his native town. M . single one out of the whole number comes years have added materially to the protecof the Thames.

The half yearly report of the North British Railway shows a revolue of £1, The half yearly report of the North Conquery, and has been for some months well for the interference wellty city, nor is British Railway shows a revolue of 2.1, in Edgland obtaining the necessary youth of such a large and wealthy city, nor is 054,084, against an expenditure of £564, 309. The net revenue available for diviin Engender outside of the projection of the work. M. James is five obly known nete, where therein.—Nets. M. James is five obly known nete, where the standard of the standa d and is £337,955. That is evidently a pay-

MARRED.

On the 5th instant, at St. James Church, St. Johns, P. Q., by the Rev. H. J. Evans, Rector of Trinity Church, Christieville, Arthur Christopher Evans, eldest son of the late R. W. Delmege, Esq., C. E., of Court Lodge, Limerick, to Amy King, eldest laughter of A. K. Lavicount, Esq. [Many here will remember the late Mr.

Delmege, as one of the engineers connected with the Riilway, during its construction.]-Ed. Standard

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St. Audrews

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"F'HE under essos of Saint And and request al in to the Asse lication of this And further at the small b Balson and ance of the pi 1875. Dat

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AUTHORI

Canadia

Tenders I

SEALED der Pacific B WIDNES

R. d River es

Woods, a dis

Track-laying miles, and the laying and H Cross Lake For Plans titles, Form

for works reation, of the

Jour W. JAMES is Engineer to the Djamond from Saint John. This certainly does not tell

A Large Bear Kulled.

isned at its size; it was a mighty bear in deed, the following figures give as idea o

Upper Musquodoboit has been afflicted

he had come to British Columbia, not to Bruin got into a way of helping himself to take official announcements, but to learn whatever he wanted; he walked into a and report;" he assured them that Canada man's barn and, selecting a nice fat sheep.

coba. OFF TO AFRICA .- One of St. Andrews year from this fall .- Caldis Times.

quired personally to perform the labor necessary in connection therewith. The results of the experiments are carefully recorded and stored away until sufficient shall have been gathered, over a number of seasons, to justify because it is not adapted to this new com the determination of accurate averages

plete system of accounts. Every hour of labor lective tariff of the United States is being hired, every product of farm sold, is minutely denounced by the principal interests o registered. The food which live stock con that country; of this there is no question sumes is recorded on one side and balanced a strong protective tariff begets monopoling such an excellent elergyman. yearly by the market value estimated by a lies, of which there are an abundance skilled butcher. So that, in this way, the gains or losses, not only of the farm as a whole, but there must be a liberality commesurate fevery branch, are known with the utmost accuracy. Every student is required to become with the apprations of the people ex-proficient in this account keeping. Each treme measures are of the past, more i appears he applied for annission to the view alone. Mr. Batcher struck right in keeps his books separately, and determines liberal and enlightened policy is what is Presoytery, and after trial was rejected; he and was fortunate enough to score first in the liberal and as he may sell his own inequired for the alconoment of the control whally perform the duties of a term's brain. When he came up to the estimated values ; and as he may sell his own required for the advancement labor to the farm, outside the time required of Dominion.

him, which is but two hours and a half for two days of the week, he is directly interested in The proceedings at B y Side for the the task. Besides the farm, there is a garden foundation of a Farmers' League, have of six acres conducted under the same admir carled forth some comments from one or able system; and in addition, lectures on prac-tical agriculture are given four times weekly by Professor Robreats. The Country Gentle- proves of the movement comes down in man, to which we are indebted for these facts, heavy terms on the Telegraph. Indeed state that the number of agricultural students our brethern of the Press, have been rathe is still too small, so that there seems to be combatative recently, about printing and abundant opportunity for all who may desire other matters; undignified expression to acquire a thorough and most valuable educa. have been used, and uncalled for personal

to acquire a thorough and most valuable educa. tion. Certain it is that such instruction is most urgently needed in this country. It has is come too much the fashion for young men to crowd into the great cities, and there to eke out lives behind desks and counters which should be spent in developing the vast re-should be spent in developing the vast resources of the thousands of square miles wherecuss questions on their merits, without re in the richest soil on earth awaits the plow. share. In the Centennial Exposition are ex-hibited actual glass-enclosed sections of prairie soil with the black unctuous loam extending downwards far below the reach of the deepest THE CENTENNIAL --Mr. and Mrs. in the richest soil on earth awaits the plow sorting to scurrility and imputing un

possible tectionists to some extent, cannot adop The Rev. Wm. Ross is to be inducted to lit there was quite enough room for many the charge of the Presbyterian Church in slips. However, last Sunday morning Mr. an ultra protectionist policy, simply ry. England's Free Trade has prospered

Prince William, York Co, This gentle-sallied forth alter the robber and mulderer be determination of accurate averages. Besides this, the students are taught a com-the parent country, while the high pro-the crite the brind States is being rear, while a Divinity Student, with much the reparation of being " a lutricane or being" a lutricane or the reparation of being " a lutricane or being" a lutricane or being " a lutricane or being" a lutricane or being " a lutricane or being" a lutricane or being " a lutricane or being acceptance. The congregation at Prince hears.⁶ The canine justified his reputa witham are to be congregatulated on obtain those by leading his matter straight to the

> minister in any capacity, not being recog- fallen brate he was not unnaturally asto ized by any church :-Notice was given that Mr. John Home,

Notice was given that Mr. John Home, merly on trial as a Preacher by the late solverest of St. John of the Presbuter in feet 2 inches; girth of neck 2 feet 7 inches The byters of St. John, of the Presbyter in The byters of St. John, of the Presbyter in Church of the Lower Previnces and afters wards set aside, has been preaching and dispensing the ordinance of Baptism with in the bounds of this Presbyter, it was agreed hat public notice be given that Mr. Home is not a minister in connection Mr. Mattace's Lerrez to THE PRESET with this Cherch.

DEATH OF REV. MR. DUNPHY.-The leath of the Rev. Edward J. Dunphy, P. Death of the Rev. Edward J. Dunphy, P. P., of Carleton, St. John, took place, on orders and functions as a minister of the Sunday last at his residence, in the 54th year of his age. The Rev. gentleman was believed he might be better suitad. I or nerly stationed at Millown, and was was resolved to allow the letter to lie or beloved by all who knew him. He was the table, and in the meantime to cite the

of course, was highly unpleasan and Masquodoboit vowed death to the bear but Letween making the vow and fulfilling Sile, on At the C. C. Agricultural Fair Grounds, Bay

FRIDAY OCTOBER 13TH.

THE PURE BRED JERSY BULL

"DAN GODFRY."

spot where well-fed Bruin lay, and he gave pr of of immense common sense by gently Now at the ALMS HOUSE FARM St. Andrews

Terms and Pedigree made known at Sale, or application to J. S. Magee, E.q., Soretary of Terms and Pengate. application to J. S. Magee, Eq., Sweetary o C. A. Society, St. Andrews. P: R ORDER.

Sent. 23, 1870.

PROBATE COURT, COUNTY OF CHARLOTIE. }

In the matter of the Estate of John A. Benson ate of the Parish of Grandmanan, in the County

WHEREAS Wal er B. McLaugnlin, Admiu e-trator of all and singular the Goods, Caattles and hedit-waich were of the said John A Benson icceas d, at the time of his death, hath this day field his account with the said. Estate, and hath mayed hat the Crediture and next of kin of the de-based, and all persons inter steed in the acid B. DN. WALLACE'S LETTER TO THE PRESBY-

prayed nat the Greating united site of the de-ceased, and all persons inter-steel in the said Ea-tate, may suppar and attend the passing and al-owance of the said account. NO FICE thereof is therefore hereby given, to it the Creditors are next of kin of the said de-ceased, and to all persons in crested in the said Estate; and they are hereby cited to appear before me at a Court of Probate at Saint Andrews in the said County of Charlotte, on Saturday the 28th day of October next of kine no Elseven o'clock in the foremon, to attend the passing and allowis the occount of the said Administrator. Given under my hand and the Seal of the said ourt, this lith day of September, A. D. 1876, -(L. S) Judge of Probates for Charlotte Counts.

L. S. Judge of Probates for Charlotte County. S. H. W HITLOCK Registrar of Probates for Charlotte County.

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