Records ireless Messages

Operators at Port Morien Simply Have to Relay Marconigrams

TWENTY-FOUR AT WORK

Capable Men Can Send 65 Words Minute to Be Flashed Across the Atlantic-Look for Signor Marconi Himself to Visit Plant-Plans for Enlargement.

What would you think of a machine which figuratively speaking, "talks" between Port Morien, Cape Breton and Clifden, Ireland, a distance of 2,000 miles as the crow flies, asks the Sydney Post. Impossible! you say; yet conversation in Morse Code is being carried continuously between these two points through the medium of an ordinary telegraph key and a common phonograph, the one located on the west Coast of Ireland, the other on the east-ern extremity of Nova Scotia.

The phonograph receiver takes the place of the familiar operator and on a call from Cliden being given, the disc on the machine is set rotating and the messages dotted and dashed and flashed across space between the hemispheres is recorded on the delicate wax plate at Port Morien. As the discs are filled they are removed and others attached, the operator in the meantime copying the message by twpewriter, or sitting down to an overland telegraph key, inserts the tubes of the phonograph in his ears and relays the messages to their destina-

are no waits or repeating of doubtful words. Messages pour in from across the ocean with machine regularity and as long as the sender does not make a mistake an accurate record is kept by the receiving phonograph. It is under-stood that the new Marconi wireless station at Louisburg will be fitted up altogether with phonograph receivers, and at the moment, this plant is complete and ready to start immediate op-eration. It is hardly conceivable to the at a table tapping an ordinary telegraph key, can send a message out over 2,000 miles of sea through illimitable space. with an absolute certainty that the dots and dashes which he so nonchalantly ounches off, will almost instantaneously be recorded by a phonograph in Cape Breton. But to the men who have to do with wireless nothing, nowadays, is startling

The Louisburg Plant.

It was found necessary to build the plant at Louisburg for two reasons. The press of business of the Marconi Company on both sides of the Atlantic over ocean work necessitated an extension of the work, and as it was found that best results are obtainable, where the sending and receiving stations are some miles apart, it was decided to erect a station for receiving, only, at Louisburg, Port Morien to do

There are now present at Morien some 24 operators, half of whom will be sent to Louisburg in the near future. The staffs will be continually added to by the drafting from other stations. The men work in eight hour shifts so there is no let up in business. Little, if any, private work is handled at Morien as the company is under contract to the publishers of big continental news-papers to supply them with "Press," and the overseas plants are worked to

capacity to fill all the orders. Million Words a Day.

Wonderful efficiency has been attained during the past couple of years at Port Morien. When Mr. Runds, the esent superintendent, took charge the present superintendent, took charge the best that the most expert operators could do was to send thirty-four words a minute. This has been gradually improved upon until today practically every operator at the Morien plant can tap off 65 words a minute, which with a full staff working means 31,200 words an hour, or 748,800 words for a day of 24 hours. An overland telegraph line 24 hours. An overland telegraph line has been put through to Louisburg over which the message will be despatched on arrival from oversea. The men employed at the station will

live in a large modern hotel erected by the Marconi company inside their been built for the manager and superntendents of the different departm It is hoped by the manager-in-chief and the men that Signor Marconi will be able to come to Louisburg and offici open the new station.

The Marconi company is sending an steel mast will be erected, receiving and operating plant installed. A second mast will be erected at Port Nelson, Hudson

Beginning the dinner with soup is the ery best way to get the whole system for assimilating a hearty

ABE MARTIN



Miss Fawn Lippincut has got a lashed skirt an' you kin almost see her ocketbook. Th' Tulip, Indianny, girl

AGRICULTURE

Horticulturists of the United States Claim Credit For De velopment of Cultivated Strawberry—South Dakota Man Is Getting Good Results By Crossing With Wild Plants.

The literature of the strawberry is not large! It was the wild variety of Europe concerning which Virgil wrote when he said:

"Ye boys that gather flowers and the said was the said that the said tha

Editor Semi-Weekly Telegraph:

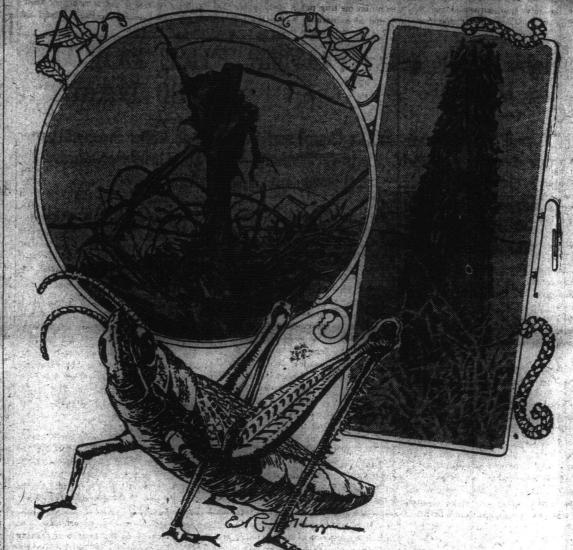
Sir:—During the short time I have been here I have received numerous inquiries regarding alfalfa, it's culture, seeding, etc., which leads me to believe that this awakened interest means much tivation though is not advisable. that this awakened interest means much to the successful working out of the agricultural problems of how to produce cheap and valuable feed and at the same time enrich and strengthen the properties of the soil, and later on induce active interest in the cattle, hog, sheep, and dairy production of the province.

It wate to a garden condition, deep cultivation though is not advisable.

3rd.—Inoculation is essential to the successful starting, or good catch of alfalfa, either spread about two hundred pounds per acre of soil secured from an old alfalfa or sweet clover field or, if same is not obtainable, use artificial cultures, such as your agricultural stations supply, at small cost. Make sure the

A Timely Letter From H. G. Mari, intermixed with phosphate has been tried out with great success in the middle states in recent years). Well rotted barn manure is one of the best fertilizers to hasten a good stand and a

GRASSHOPPER ARMIES IN COUNTLESS NUMBERS SWARM OVER WESTERN COUNTRY, EATING EVERY GREEN THING



WHAT THE HOPPERS DO THE STALKS IN A HILL OF CORN-GRASSHOPPERS TRY TO GET NOURISHMENT OUT OF A FENCE POST.

Returns from Dairying Were Discouraging for Many Years

PRICES BELOW COST

In New Brunswick and Other Provinces as Result Farmers Were Unprepared for Expansion of Home Market Good While It Lasts, But decided slump in the province during the last seven years and in place of 48

since the paid whithele foreign and a the state greated about two punches and extremely and state of the cattle, locally and therefore request that yet opposed the cattle in the cattle

heat of the bottle, as ordinarily applied.

During the past few years there has been a marked falling off in the amount of butter manufactured in New Brunswick. Statistics show that in 1905 there of the British Empire is composed of were 36 creameries in operation in the

milk and 1,840,840 pounds of cream, and producing 906,414 pounds of butter, which sold at an average price of 81.84 cents. In 1912 the number of creameries was reduced to 18 and they received only 1,651,627 pounds of milk and 8,107,688 pounds of cream, and made 881,925 pounds of cream, and made 881,925 pounds of butter, or a decrease of nearly 25,000 pounds in seven years. The value of the product of 1912, however, was greater than that of 1906 as the average price had increased to 27.82 cents per Further evidence of the fact that Can-ada at large does not produce enough butter to supply the demand in her own country is shown by the exports and im-ports from and to Canada during the fiscal year of 1912-18. There was

Importer Must Confirm Classi- MANY MILLIONS AT hrought into Canada during the year ending March 31, 1918, nearly 8,000,000 pounds while the exports show that only 828,823 pounds went out of the country. Although there was an increase in the number of cattle raised in New Brunswick each year since 1909, the increase in the three years. fication When Unloading, Thus Protecting the Retail

in the three years amounting to some-thing like 50,000 head, it is evident that they are being raised for beef rather than for the production of butter.

Of the butter imported into Canada goods offered them by Not infrequently among local fruit buyers and consumers is found an ele-ment of dissatisfaction in the quality of of the butter imported into Canada states and implest year, more than six-sevenths of it was from British possession, New Yealand and Australia both sending large quantities. Of the foreign production, the great bulk was from Denmark.

The cheese industry has also taken a decided slump in the province during As there is nothing in printed form

Soon Glutted—Reciprocity Meant cheese factories producing 1,306,066 of writing attached to the crate or other manner of packing that would pound of in 1905, there remain but 28 factories whose output last year was 1,022,646 pounds, or a falling off of near-ly 874,000 pounds.

About the best explanation given for

or writing attached to the crate or other manner of packing that would support the verbal guarantee and give the buyer grounds for recovery of his loss, there is practically no redress and the eventual loss falls upon the last buyer. The extent of the loss depends much upon the inferiority of the quality and the amount purchased and sometimes turns out to be total.

Until now the buyer finds no means of protecting himself against loss in that the former owner was entitled

CONSUMPTION NOT HEREDITARY EUGENICS EXPLODED THEORY SAYS A LOCAL PHYSICIAN

Cannot Control Marriage and Rearing of Children along Coldly Scientific Lines and Family Traits are Engendered More By Association Than By Heredity—Does Not Endorse Rev. Dr. Raymond's Beliefs.

Wednesday, July 23.

Medical men of the city are not enthusiastic on the question of eugenics.

Several were asked yesterday but did not care to endorse the sentiment expressed by Archdeacon Raymond in an life."

Wednesday, July 23.

winds, and it has been established that many of the so called hereditary afflictions are not given to the children by their parents in birth but are acquired by them through associations in after pressed by Archdeacon Raymond in an life."

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Winds, and it has been established that many of the so called hereditary afflictions are not given to the children by the property of the so called hereditary afflictions are not given to the children by the property of the so called hereditary afflictions are not given to the children by the property of the so called hereditary afflictions are not given to the children by the parents in birth but are acquired by them through associations in after present the children by the parents in birth but are acquired by them through associations in after present the children by the parents in birth but are acquired by them through associations in after present which the children by the parents in birth but are acquired by them through associations in after present the children by the parents in birth but are acquired by them through associations in after present the children by the the children not care to endorse the sentiment expressed by Archideacon Raymond in an interview which appeared in The Telegraph on Monday, to the effect that he hoped that the day would soon come when more attention would be devoted to eugenics and that the physically unfit, mentally unfit and morally deprayed may not be allowed to marry and inflict upon the community in which they live the burden of caring for feeble-minded or criminally disposed children that should have never been born.

Speaking with The Telegraph last evening, one of the prominent physicians of the city, who has had special training, said that the idea expressed by Dr. Raymond although it was current among the profession some years ago, had gradually been banisbed, following more advanced experiments along these lines.

Consumption Not Hereditary.

"Even instance" he acid "these works the fact has been knowed that that the traits of a father or mother that the traits of a father or mother are not necessarily those of the children and it has been known where most pronounced traits have lain dormant in a family through four or five generations, and showed themselves at that time only after intermarriage with another branch of the same family or a family in which the same trait was more pronounced."

Not to Be Controlled,

"Even supposing that physical and mental deficiency were inherited from parents, I do not think that the human race should make the marriage of persons and the bearing of children follow coldly scientific lines, or be discussed as is the propagation of the lower animals.

"Besides it is a matter of history that some of the greatest heroes and clever

Consumption Not Hereditary.

"For instance," he said, "there was a time when all doctors were very much opposed to the marrying of consumptives, as it was thought that the children of such a marriage would be almost certain to have the same weaknesses as their parents, but this theory has, of late years, been thrown entirely to the "Besides it is a matter of history that some of the greatest heroes and clever men of the world have been born of physically imperfect parents or they themselves are physically imperfect, and it is my belief that brawn and muscle are not all that are needed in this world. Therefore why put any obstacle in the way of populating the world with an intellectual race?"

act or new regulations. This must be done when the packages are being taken from the railway car, steamship or other means of conveyance. The importer must place on the end of such package the proper grade marks, the correct name of the variety of the fruit, and his own name and address. In this way the buyer is given the means of finding the responsible person and of recovering damages for the loss incurred.

The property is also given to Sir William.

Both parties are dissatisfied with the result of the appeal and gave notice that they would carry it to the privy council.

Another decision of note was given in a case entitled Temple vs. North Vancouver is also given to Sir William.

STAKE IN BRITISH COLUMBIA CASES

Dunsmuir vs. Mackenzie: & Mann a Drawn Battle-Vancouver Wins Suit That Involves Big Sum.

much upon the inferiority of the quality and the amount purchased and sometimes turns out to be total.

Until now the buyer finds no means of protecting himself against loss in this way and looks forward to a change that will bring him a more certain basis of operation.

A remedy has now been found in the recent amendment to the Inspection and Sales act. According to the new regulations every box and crate must bear the name and address of the packer and if these conditions are not complied with a penalty is imposed. In turn the importer must have all the grade marks,

found on closed packages, containing imported goods, erased when such steamer Wellington, but not the ship marks are not in accordance with the act or new regulations. This must be bunkers in Vancouver is also given to

and the fate of \$5,000,000 worth of other property hangs in the same balance.

Three of the appeal court judges decided that the plaintiff had long ago lost his rights while Justice Martin disagreed and thought Temple should win. This case, too, will go to the privy council in London.

QUICK-or YOUR



delay means a valual

International

Colic Gure

INTERNATIONAL STOCK FOOD CO.

Look for this label on every bag

