

APRIL 2, 1929

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In Use the World Over

Castrol is composed of the finest mineral oils the world produces PLUS the purest castor oil. The result — a lubricant of unparalleled perfection.

Typical Scene, Penang, Straits Settlements.



BALDWIN'S ROAD — Donations at the home of Mrs. Patrick Mc... the Institute were made to a Quaid, roll call was answered by "my or family in the district. At the first recitation." Eleven members bruary meeting, which was held and two visitors were present.



DAIRYING

As An Industry It Builds Up the Soil It Supplies a Steady Cash Income

CENTRAL CREAMERIES

Stand ready to serve the cream producers of P. E. Island.

The quality of our product is the highest, proof of this lies in our strong consumers demand.

We Need More Cream

Our expert marketing facilities assure our patrons of the highest possible price for their cream.

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Charlottetown, P. E. I. Branches at Souris and Wellington

0070-3-28-tu, thu, sat. 2 wks.

NEWSY FARM NOTES

By Agricola

A SUBSTITUTE HAY CROP

According to the Report of the Dominion Cerealist for 1927 (Dept. of Publications, Ottawa.) peas as a hay crop have a value nearly equal to alfalfa. The variety advised is the MacKay, a promising pea originating from a cross made at the Central Experimental Farm, the parents being Mummy and Black-eyed Marrowfat. MacKay has a most luxuriant growth of vine and is also a high grain yielder. Not only is it valuable for hay but takes the first place at the silo. An excellent crop of hay will be produced if this pea and oats are sown at the rate of fifty pounds each to the acre, where conditions are suitable. The varieties of oats recommended as suitable for growing with this pea, are Banner, O. A. C. 72, O. A. C. 144, or Victory. (And here I may say that there are scrub oats, just as there are scrub cows, and if the farmer wants higher yields he must get rid of both.) This Oats-MacKay combination has been found to be quite suitable as a threshing crop for mixed grain. In seasons when the clover crop has been winter-killed, this mixture furnishes an ideal substitute.

It been suggested to me that while planetary conditions—conjunctions, occultations, and the like—may provide the disturbances, it is the earth-currents (of which we have as yet an inadequate knowledge) that confine them to particular localities. The subject is an enthralling one, but it is manifest that until all the factors governing distribution are known, our predictions will be of the hit-or-miss order as far as special localities are concerned.

The electric storm of March 16th., occasioned much conjecture, from its unseasonableness, and intensity. At 5:30 a.m. or thereabouts, on the 14th., there was an unusual conjunction of the members of the solar system, the moon, Venus, and Jupiter. This combination must have exerted an immense gravitational pull on the sun, the source of our electrical supply. Such an excitation would cause streams of ultra-violet rays and currents to be given off, which would electrify the upper air. Where there is moisture in the air (as in the Maritimes) such a condition is sure to bring storms; and the two days' difference is just the time required to produce the effect, as I have often noticed. The Maritimes only, I believe were affected "by this storm: I read of a man in N. S. being struck by the electric fluid and hurled from a truck which he was driving. A similar combination of these three celestial bodies is "billed" to take place at Midday on April 11th; so about April 13th., we should hear of some disturbance, though, since moisture will be more evenly disturbed then, it is likely to be in some other Province. A conjunction of two planets takes place on April 28th., the effect, of which should be apparent about April 30th.

THE TIMES ARE OUT OF JOINT.

There has been very cold and stormy weather on the other side of the Atlantic. In Czechoslovakia the lowest temperature in 157 years was recorded, February 12th., was the coldest day in London since 1908, and it is 40 years since such general conditions prevailed there in that month. An English acquaintance informs me that his mail brought word of 11 degrees below zero in Herefordshire. It is admitted however that the British Isles have not suffered to the same extent as the European continent. We read of appalling snow-storms right south to Constantinople and the Black Sea. In Upper Canada and the West, there has also been severe weather, yet here we have had a wonderfully fine winter with little frost and snow.

Readers of the Guardian may recollect that last year I ventured to predict a severe winter, on the ground of planetary influence. This certainly materialized in the greater part of the Northern Hemisphere, while here we were exempt. Why? What is the unknown factor which localizes these phenomena?

WANT OF THOUGHT

"Evil is wrought from want of thought, as well as want of heart." A proverb is the wisdom of many and the wit of one. The author of the saying must have, like all of us seen many instances of the thoughtlessness which injures not only our neighbor—but ourselves. In this Spring season when the snow is going and the roads are muddy, what a temptation to cross our neighbor's grass plot, with sleigh or wheels! I know a farm, not five miles from town, which has a wide driveway leading from the highway to the house. The wagon track is central, and an equal width on each side is grass smooth as a lawn: a high hedge of hawthorn borders it, and in its season is redolent with perfume, and murmurous with the humming of innumerable bees. One would think such a place would be kept inviolate, but no! It is the usual thing for sleighs or wagons to leave the road and cut up the grass plot. Now, this has two results: the owner loses interest in his efforts to have a tidy driveway, and the offender—though

FEDERAL DEPARTMENT OF AGRICULTURE

A continuance of the co-operation at present existing between the Federal and Provincial Departments of Agriculture, and a still warmer response on the part of Maritime farmers, will make for greater development in Maritime agriculture.

EXPERIMENTAL FARMS

Five Experimental Farms and Stations, three Plant Pathological Laboratories, and forty-seven Illustration Stations under this Branch help to serve the investigational, experimental and research needs of the Maritime Provinces. All branches of crop and live stock production receive attention, resulting in the introduction of new lines of agriculture and the improvement of older methods, with increased revenue.

DAIRY AND COLD STORAGE

The standardization and inspection of dairy produce has resulted in the production and marketing of high-quality products, has facilitated trade, and has made for a very marked improvement and reputation for Maritime dairy products. Through dairy research work carried on by the Branch buttermilk and cheesemakers in the Maritimes have been able to correct serious defects, thus eliminating losses and adding to profits. Financial assistance given by the Department, or under agreement to be given, for the erection of cold-storage warehouses in the Maritime Provinces amounts to \$289,078.28. Such cold-storage facilities should add greatly to profit possibilities in various lines of agricultural production.

HEALTH OF ANIMALS

Under the Department's "Restricted Area Plan," for the eradication of tuberculosis, 208,636 cattle have been tested in the Maritime Provinces. Reactors in Nova Scotia's 189,119 head of cattle have been reduced from 2.3 per cent to 0.17 per cent. Under the "Accredited Herd Plan" the Maritimes have 159 fully accredited herds. Freedom from tuberculosis has resulted in a more active market demand from the United States for cattle and dairy products, and higher prices. The breeders who own L.b. free herds are enjoying these increased sales and greater cash returns, which much more than repay them for any trouble and expense in this connection.

FRUIT

In addition to the inspection and certification of fresh fruits and vegetables, this Branch is now responsible for the inspection of canned and preserved fruits and vegetables. The making of experimental shipments of fruit to test new markets has also been undertaken, and as a result Canadian apples have now practically circled the globe. An investigation now being conducted promises to solve the slack barrel pack trouble which exists at present.

Results of experimental work, practical bulletins and circulars, market reports, "Seasonable Hints", and lists of publications may be had free on application to—

The Publications Branch Department of Agriculture Ottawa

Those desiring to secure publications on certain subjects as the information becomes available may have their names placed upon a permanent mailing list. Letters requesting publications do not require postage.

SEED

The new laboratory at Sackville, N.B., has been opened recently to serve the seed testing needs of the Maritime provinces. Two of the main lines of work conducted by this Branch promising new industries are the production of turf grass seeds and of sweet tump seeds. Field inspection of growing crops, and judging released seed and testing of stocks, with the issuing of seed inspection certificates, is a service to farmers available through this Branch.

LIVE STOCK

The Maritime Provinces have benefited to a marked degree through the operation of policies under the Live Stock Act. Hog raising has resulted in these provinces producing a higher percentage of select bacon hogs than any other area in Canada. Maritime eggs have established a place on the British market. Boys and girls' cattle, calf, sheep, swine and poultry clubs organized with the cooperation of the Live Stock Branch have awakened interest in live stock among the younger generation, and this interest has proved to the farmers themselves, resulting in a general improvement in the live stock of the Maritime Provinces. The Maritime Co-operative Live Stock Marketing Board, an organization recognized as doing most excellent work, is a result of this general development. The annual grants to farms in the Maritimes paid through this Branch approximate \$26,000.

ENTOMOLOGICAL

The control of existing insect pests is well demonstrated by the extermination of the brown-tail moth in New Brunswick, and absence of nests in Nova Scotia orchards last winter. A decrease is reported in the severity of the spruce budworm in Cape Breton due to aeroplane dusting. Research laboratories are located at Fredericton, N.B., and Annapolis Royal, N.S., and at the latter new and cheaper insecticides are being investigated.

CANADA'S NATIONAL PROSPERITY DEPENDS UPON AGRICULTURE

W. R. Motherwell, Minister.

Ottawa - Canada

J. H. Griadale, Deputy Minister.

he does not consider this point, stamps deeper into his character his own slovenly methods and the disregard of his neighbor's rights. And since these things are hereditary, he is delaying by a generation at least, the time when our Island shall truly be the garden of the Gulf. Awhile ago I was visiting at a farmhouse, and while there, another visitor hitched his horse to a verandah post, which could easily have been pulled away had the horse been started. A black walnut tree had been planted to adorn the grounds of one

of our institutions. It was a favorite, was doing well, and in order to guard it, had a small fence built round it. A visitor, to save himself trouble, hitched his horse to the fence, with the result that the animal tore off branches, the scars of which are not healed over yet. The writer once helped to plant an avenue of Norway maples inside of a road fence and for four or five years they did well and promised to become a beauty to that neighbourhood. Then the farm changed hands, the fences round the trees were suffer-

ed to decay, and as the trees were young the cattle soon finished them. These are but a tithe of the instances which have come within the purview of my observation. Ah, these little thoughtless acts! How easily could they be avoided!

SEASIDE. Mrs. Geo. Doucette entertained the ladies of the Seaside Institute for their February meeting. A programme is being arranged to be given at Easter time.

FOX MEAT FOR SALE

Boneless horse meat, boneless beef trimming and best stripe for sale. ISLAND COLD STORAGE CO., LTD. 5043-3-7-ft.



"IMPERIALS" are Ideal Winter Fox Food

At this season all ranchers are interested in obtaining of large litters of young foxes. Proper feeding of the vixens at this crucial time is most essential. Our outstanding successful feeders have found IMPERIALS to supply the necessary food requirements of the breeding season. They also correct irregularities, keeping the animals healthy and vigorous and in addition, ensure vixens a plentiful flow of milk for the young pups.

Winter feeding of IMPERIALS has practically eliminated destruction of young by females.

RESULTS JUSTIFY CLAIMS FOR IMPERIALS

The largest litters born last season and also the highest average of pups raised to maturity were in ranches where IMPERIALS comprised a most important part of the daily winter diet.

Keep a liberal supply of IMPERIALS on hand at all seasons.

Sold by leading distributors or direct from factory.

IMPERIAL BISCUIT CO., LTD.

BOX 500

Phone 721.

Charlottetown, P. E. I.

Carter's Seeds Grow

TESTIMONIAL (Not asked for) From Okotoks, Alberta.

This person sent us a nice order for Seeds again this year and has this to say:—

Okotoks, Alberta, March 17, 1929. Messrs. Carter & Co., Ltd., Seedsmen, Charlottetown.

"It seems strange to send all this distance but while I lived on P. E. I., I always got good seed at Carter's and thought I would try it again. Have been away twenty-one years and always get my turnip seed from you, as no seed we ever bought out here grew turnips with a REAL flavor."

Yours,

BUY CARTER'S TESTED SEEDS. No need to send away for any item listed in CATALOGUE.

BRACE'S Ranch Building and Fur Farming Supplies

"Brace" Red Label Special Made-to-Order English Fox, Mink and Muskrat Netting



Extra Soft Galvanized Lacing Wire Galvanized Fox Staples Galvanized Hinges

Galvanized to Withstand the Salty Atmosphere of the Maritime Provinces

ECONOMICAL AND POPULAR SIZE FOX PENS

12 x 20 x 6 ft. high, covered top and bottom. Wire required 1 roll 36 inch wide, 1 1-2 inch mesh 15 ga. and 1 roll 36 inch wide 2 inch mesh 15 ga. or 1 roll 72 inch wide, all 1 1-2 inch mesh 15 ga.

10 x 20 x 5 ft. to 6 ft. high. Covered top and bottom. With rafters to raise height of roof. Wire required—1 roll 60 inch wide, all 1 1-2 inch mesh 15 ga. 3 to 5 lbs. Fox Staples, 5 lbs. Extra Soft Lacing Wire, 2 prs. 4, 5 or 6 inch corrugated T-Hinges, 2 Safety Hasps, 1 Padlock, 1 Snap, 1 Hook and Eye.

Brace's Hardware for Fox Pens, Dens & Houses

- Extra soft 16 ga. galvanized lacing wire, per lb. 9c
Common Tar Paper, 400 square feet to roll, Per roll \$1.00
Common Grey Paper, 400 square feet to roll, Per roll 75c
7 and 16 oz. Tarel English Felt, Lb., 5 1/2c
10, 15 and 25-lb. Asphalt Felt, tough, odorless and weighs less per square foot than English tarred felt. Pound \$1.00
Slate Surfaced Roofing, fireproof. Price per roll \$3.90
Slate surfaced roofing shingles, fireproof. Per 100 square ft. \$6.00 to \$8.00
Champion light, medium and heavy roofing. Per roll \$2.00, \$2.50 and \$3.00
Brantford high quality roofing, light, medium, heavy. Per roll \$2.90, \$3.00 and \$3.40
Bird's best Paroid Roofing, heavy 3-ply Per roll \$3.75
Roofing Lap Cement, 1-lb. cans, each 20c
1-gal. cans, each \$1.25
Petroleum or Crude Roofing Oil, in cask lots of about 45 gals. Per gal. \$0.50
Casks \$2.00 extra (returnable.)
Shingle Stain in 5-gal. cans. Price per Gal. \$1.30 to \$1.45
Power Emery Grinders with two emery wheels. Each \$8.40

BRACE, MCKAY & Co., Ltd.

Water and Summer Streets SUMMERSIDE, P. E. ISLAND Wholesale and Retail

The largest distributors of Fox Netting and Ranch Supplies in America