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 FOR SALE — WESTINGHOUSE electric range, telephone set.
 FOR SALE — FIVE GOOD WOLK horses, four dogs, Hope River.
 FOR SALE — NEWLY FRESHENED cars. Apply John C. MacPhee, 142 Richmond St.
 FOR SALE — LIGHT SUSSEX piglets. Apply Charles Robertson, Bradford St.
 FOR SALE — FURNACE, No. 11 Basburner. Leslie Boyer, Mermaid.
 FOR SALE — ONE COOKING range and several heaters. Apply 89 Richmond St.
 FOR SALE — 1 PAIR GEESSE. Proven breeders, 2 years old. Aubrey MacPhail, North River.
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 FOR SALE — Heating stove (circular) in good condition, cheap. Apply 88 Gerald St. Phone 1256-L.
 RECONDITIONED MOTORS FOR car owners, car owners or will rebuild your present motor. Satisfaction guaranteed. Prices reasonable. Buyers Auto Salvage, 237 Bayers Road, Hanford.
 Lost Found Strayed
 LOST — 1 BROWN FUR BACKED glove in Charlottetown. Finder please leave at Guardian office, Reward.
 FATTENING CHOCOLATE
 Pure chocolate is about 50 per cent oil or pure fat content.

Wanted
 WANTED — STANDARD SLAYER car. Line fresh, excellent quality. P. O. Box 481.
 WANTED — BIER BOTTLES, Hides, Iron and Metals. Highest prices. Fast service. Phone 2203. Maurice Black & Co.
 WANTED — ALE BOTTLES. Highest prices paid. Fast pick up service. Phone 2242. Evening: 1107. Michael Bros.
Personal
 FOR NEURALGIA, LUMBAGO, Rheumatic Pains, Chest Colds, apply Heat Penetrating Glory Oil At your Druggist.
Cars & Trucks For Sale
 FOR SALE — 1946 PLYMOUTH DeLuxe Sedan, Heater and defroster, A-1 condition. Phone 2253-L.
 FOR SALE — ONE 1931 PLYMOUTH Engine, transmission and radiator. Apply Bruce Ellis, Standhope Garage.
 FOR SALE — 1/2 H.P. MONARCH gas engine, in good shape. Also spare parts included for \$50.00. J. L. Dewar, New Perth.
Male Help Wanted
 AN OPPORTUNITY — ESTABLISHED Rural Watkins District available. If you are aggressive and between the ages of 25 and 55 have or can secure travel outfit, this is your opportunity to get established in a profitable business of your own. For full particulars write today to The J. R. Watkins Company, Dept. Z-C-1A, 2177 Masson St., Montreal, Quebec.

Experimental Farm
 Continued from page 1
 moisture for germination and early growth of cereal crops. Hot, dry weather through July and August ripened many fields prematurely but in general the grain crop was above average and wheat, in particular, gave better yields than usual. Rust was not prevalent except on late seedlings but an increase in smut infection was noted.
 Cereal plot work at the Station was increased considerably over last year and included fully replicated tests of wheat, oats and barley at two outside points, as well as on the Station. A feature of the work this season was the distribution of a new variety of oats known as Abegweit. This variety was developed from a cross between Erban and Vanguard and is moderately resistant to both leaf and stem rust. In maturity it is usually three to five days later than Erban but in numerous tests over the past four years has outyielded the Erban variety and has produced a more attractive "breaded" sample.
 A new wheat variety called Cascade has been licensed by the Central Experimental Farm and a small quantity of seed is available for distribution here. Cascade has outyielded the varieties commonly grown in the province but is not considered the top quality for milling. However, its yielding ability should recommend it as a feed crop for poultry.

Soil Investigations
 With the completion of the reconnaissance soil survey, attention was directed this year to applying the effect of different fertilizer mixtures, on potatoes, in relation to soil type. The results obtained this year indicate some interesting differences in fertilizer requirements, for potatoes, when grown on the three main soil types, namely, Charlottetown Series, Culloden Series and O'Leary series.
 Soil fertility studies have shown the importance of the soil organic matter content in the maintenance of high productivity. Analysis of many hundreds of soil samples show the organic matter content of the greater percentage of soils in the Province to be high. This is due to the high level of production. Soil organic matter is a potential source of nitrogen, and the amount of this material in the soil and the supplying of it to the soil in sufficient quantities should be of importance to the farmer, particularly in view of the greatly increased cost of nitrogen supplying fertilizer materials.



MYSTERIOUS DEATH OF PATHOLOGIST
 Sir Bernard Spilsbury, Britain's most famous pathologist, who worked on and solved many famous criminal cases, is himself the victim of a police mystery. Spilsbury was found dead last night in his gas-filled laboratory at London university college. Whether death came as a result of his work or he sometimes experimented on himself—or from other reasons was the object of investigation. His two most famous cases were those of Dr. Hawley Crippen and George Joseph Smith. Crippen was convicted of murder of his wife when Spilsbury identified the body from an appendicitis scar on a piece of skin. Smith was found guilty of murdering three wives when Spilsbury demonstrated a person could be drowned in a bathtub and show no marks of violence.

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plying the survey to the study of soil fertility problems. A series of fertilizer test plots were laid down on three of the main soil types for the purpose of studying the effect of different fertilizer mixtures, on potatoes, in relation to soil type. The results obtained this year indicate some interesting differences in fertilizer requirements, for potatoes, when grown on the three main soil types, namely, Charlottetown Series, Culloden Series and O'Leary series.

Grade	Size	Yield (lb.)	Price Recd.
1	5-8 in.	1,292 (lb.)	\$ 90.45
2	7-8 in.	1,699 (lb.)	5,949 lb. 91.79
3	1 1/8 in.	2,988 (lb.)	119.52
4	1 3/8 in.	2,819 (lb.)	84.57
5	1 5/8 in.	2,932 (lb.)	5,751 lb. 58.04
6	2 in.	2,065 (lb.)	20.65
7	Over size	2,276 (lb.)	4,441 lb. 11.88
		16,141 lb.	16,141 lb. \$477.49 \$477.49

Horticulture
 Horticultural activities during the year included the testing of fruits, vegetables and flowers. The information gathered from these tests is available at all times from the Charlottetown Station.
Tree Fruits
 Two new plum varieties have shown much promise here. They are at least two weeks earlier than the standard varieties now grown and have excellent size and quality. The earliest variety, Early Laxton, is of medium size and yellowish-red color. This variety is followed in view of its size and quality. Outstanding apple varieties now fruiting include McIntosh Red, Red Delicious, Hume, Cortland, Standard, Red Melba and Joyce. Pear varieties of merit include Clapp Favorite and Bartlett Seckie. Flemish Beauty is very heavy and productive but requires careful spraying to control scab. Sour cherries of merit include Montmorency, Orel No. 24 and English-Morelle.
Small Fruits
 The market outlook for small fruits was much improved during the past year and considerable impetus was given the planting of these crops, particularly strawberries and raspberries. Strawberry planting is increased throughout the year. Senator Dunlap is still the leading variety. About 3,000 Premier plants were distributed by the Charlottetown station to leading growers to establish their value under our conditions. The Premier is a leading variety for processing in Ontario.
 A new raspberry, Trent, showed much promise in our trials this season. When handling and shipping qualities are not important, such varieties as George Mary and Indian Summer will be found very suitable. Grapes have also received some attention and the variety Portland has been found to ripen well in this locality.
 The new gooseberry Davidson, a large fruited variety, has shown much promise in recent trials. Black currants of merit include Budeberg, Climax and Victoria.

Vegetables
 Vegetable work this season centered around tomatoes and cucumbers. Some 1,000 tomato plants supplied by a large processing concern in Ontario were distributed and tested, but were found inferior to such varieties as Early Chatham and Bounty for the production of ripe fruit.
 For the first time in Prince Edward Island, cucumbers were grown on a large scale. Over 650 acres were grown under contract in 1947 and this number will be maintained or increased in 1948. The station was called on to assist both the processor and farm.

AGRO FEEDS
 Special Reduced Prices to 31st December
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er in this undertaking. In addition, variety tests of all the common picking varieties were carried out and fertilizer and cultural experiments were conducted. The total crop produced for processing was in the vicinity of 5,000,000 lbs. giving an average of nearly four tons per acre. In the station plots the best treatments yielded at the rate of 8 tons with a gross cash value of \$477.49 per acre. Broken down into grades the yields and prices were as follows:

It is obvious from the above experiment that profits depend on careful and thorough picking with the elimination, as far as possible, of the larger grades.
 Bees
 Despite the late arrival of package bees, the unenviable spring weather, and one of the driest Augusts on record, beekeepers on the average produced a fair crop of honey in 1947. The Provincial Department of Agriculture, in co-operation with the Experimental Farm have assisted the beekeepers of the province to the fullest extent. Package bees are ordered in bulk lots and are distributed to the beekeepers. The Provincial Government assuming all carriage charges. With this co-operation the bee industry has shown a steady increase and more farmers have branched out into this revived industry.
 The study of different races of bees carried on at the Experimental Farm, in which Caucasians are compared with Italians, has shown that the Caucasians have shown some superiority as to wintering.

AUCTION SALE
 AT SPORTING CLUB
 OF FURNITURE AND HOUSEHOLD EFFECTS
 TUESDAY, DECEMBER 30, AT 1 P.M.
 I am instructed by Mrs. Emma MacNevin to sell by public auction her household effects including one kitchen range, kitchen table and chairs, Chesterfield suite, china cabinet, kitchen cabinet, bookcase, chest of drawers, gentleman's highboy, oilcloth squares, carpet, mats, occasional chairs, mirrors, bureaus, beds, springs, and mattresses, bed-clothing, vacuum cleaner, radio, silverware, ornaments, dishes, pots and pans, and several other articles.
 W. H. BEATON, Auctioneer.



At the door of President Truman's DC-4 "Sacred Cow", Secretary of State Marshall waves goodbye to London before flying home to the U. S. to report to the nation on the break-up of the Big Four foreign ministers' parity.

In total crops produced the Italians have proven superior.
Live Stock
 The pig testing station for the Advanced Registry of swine continues to be operated at the Charlottetown Station. Buildings were made available for housing twelve bulls for the Central Artificial Insemination Unit.
 The Ayrshire herd headed by the bull Evans Sir Roderick consists of 13 milkers, one herd sire, and 9 young cattle. The young stock from the herd sire show great promise. Considerable weeding out of undesirable specimens has taken place during the latter part of the year.
Poultry
 Only one breed, Barred Plymouth Rocks are kept at the Station. Special emphasis was placed on breeding and selection for high production, heavy egg and body weight, and livability. Laying records in excess of 300 eggs in 365 days of laying.

Illustration Stations
 Eight Illustration Stations are operated in conjunction with the Charlottetown Station. These are privately-owned farms on which experiments of various sorts dealing with soil fertility, tests of varieties, etc. are conducted. Records of crop production kept on the station show that potato production, on these particular stations throughout the province, was above the 1946 level and of highest quality. Roots and corn were not adversely affected by the

dry conditions and one of the heaviest yields of swedes and corn on record, was harvested during the season. Owing to the very dry summer of 1946, and the lack of snow covering, the yield of hay was below average and was lacking in quality. The low quality of the hay was due to the lack of clover and alfalfa.
 In order to acquaint the general public with the program carried on at the various Illustration Stations, in co-operation with the Provincial Department of Agriculture, sponsor a field day at each station each year. The interest taken in annual Illustration Station field days in P. E. Island is evidenced by the fact that, during the eleven-year period terminating in 1947 some 104 field days attracted a total attendance of 11,965 individuals. In 1946 seven field days drew a total attendance of 1,303 farmers or an average assembly of 199 at each station. In 1947 eight field days drew a total attendance of 1,150 farmers, or an average of 144 individuals per station.
 Swine production on Illustration Stations has continued to expand during the year. Registered Yorkshires are gradually replacing grade hogs, the operator at New London qualifying his breeding stock for Advanced Registry.
 Careful records are kept of all revenue and expenses in connection with each branch of farm operations. These records show that the farmers have had two successful years, namely, 1946 and 1947, and every indication points to a successful year for 1948. A general review of conditions in the other provinces of Canada and in the United States would indicate that there should be good markets for normal crops and fair prices in 1948.
 The farmers and their families are welcome, at all times, to visit the Experimental Station and each and every Illustration Station.



Four children of Mr. and Mrs. George F. Loveth, Aylmer, Que., after three weeks still are studying at home. The school board barred them because they refused to be vaccinated on orders from their parents. Quebec laws require school children to be vaccinated.
 Left: Valerie, 16, and Daisy; Laurence, 13; Alan, 9, and Rex; Heidi, 7, with Kewpie.

Join the MARCH OF DIMES
 Here is the official poster for the 1948 March of Dimes campaign of the National Foundation for Infantile Paralysis, which will seek \$30 million from Jan. 15 to 30 in its fight against the disease. Poster boy is 3-year-old Terry Talbot, of Laurel, Miss., youngest polio victim ever selected to pose for the poster.



This mobile hay-and-grass-drying plant demonstrates, in London, how it takes the moisture out of wet cattle fodder in only a few minutes. Predicted as a boon to the small British farmer, it can be assembled in less than two hours and operated by one man. The heating unit uses Diesel oil, and all power necessary is supplied by the plant.



Seems like this one does not wish to sell his cattle to the Black Market.



You get LESS in ALUMINUM
 LESS WEIGHT. Take an Aluminum baby carriage for instance. It's lighter. Weighs less than a carriage made of other metals. There's no dead weight to trundle around. And it's a lot less cumbersome to handle on stairs.
 Aluminum is strong, good-looking, definitely rust-proof. The baby carriage is typical of the many beautiful things made of Alcan Aluminum which are available today to serve the Canadian home.
 More than 600 independent Canadian manufacturers make Aluminum products.

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At the door of President Truman's DC-4 "Sacred Cow", Secretary of State Marshall waves goodbye to London before flying home to the U. S. to report to the nation on the break-up of the Big Four foreign ministers' parity.



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