



SOIL SAMPLES ARE SCREENED CAREFULLY PRIOR TO TESTING

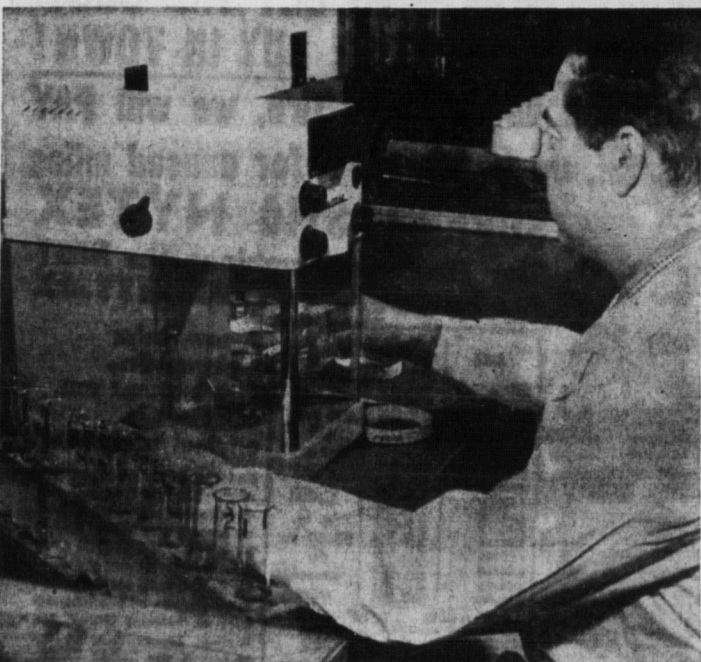
SOILS LABORATORY AIDS P.E.I. FARMERS

Andrew Humphrey, provincial soil analyst, is in charge of the Soils Laboratory at the Experimental Farm where the Canada department of agriculture supplies the space and part of the equipment, and the provincial department supplies the staff and the remaining equipment.

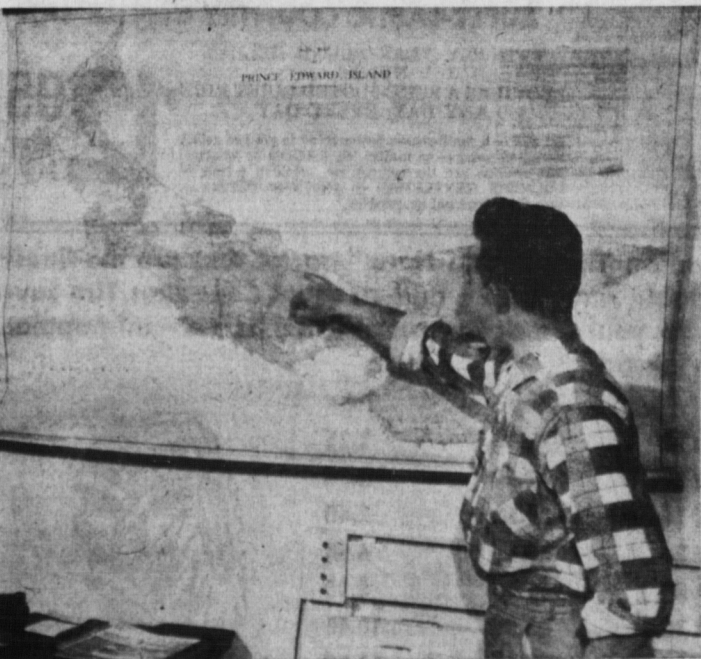
The laboratory analyzes soil free of charge for P.E.I. farmers and recommends fertilizer or lime applications to correct deficiencies. A total of 1175 samples were received last year, an increase of more than 300 per cent in the past few years, but the laboratory can handle 2,000 to 3,000 samples annually.

The soil analysis service was initiated some years ago by Dr. George B. Whiteside—he retires this year—who also conducted the provincial soil survey.

Samples should be taken from six to eight places around a field, the soil mixed thoroughly and about one pound sent in as a sample. It should be taken down to plow depth for cultivated crops, and down to three inches for hay and pasture crops. The emphasis has shifted from potatoes to other crops in recent years with about 20 per cent of enquiries concerned with land for new crops grown for Frosted Food plants.



TECHNICIAN WEIGHS SAMPLES ON HIGHLY ACCURATE SCALES



DEPARTMENT FIELDMAN JOHN CHANDLER EXAMINES SOIL MAP



MR. HUMPHREY AND DAVE ROGERS STUDY SOIL REPORTS

Right application controls thrips

Thrips in blueberry fields can be controlled by applying an insecticide in the year the fields are burned, states C.W. Maxwell of the Canada Department of Agriculture, Research Station at Fredericton, N.B.

A 2½ per cent dieldrin dust at 20 pounds per acre is the most effective pesticide and should be applied when the sprouts are emerging from the soil.

Thrips come out of the soil in early spring and lay eggs on the terminal leaves causing them to twist and roll. These leaves develop into galls from which the adult thrips emerge in July or August. In late August the adults enter the soil to pass the winter.

Co-operation cuts bee killing

A little co-operation between crop growers and beekeepers allows insecticides and other chemicals to be used without killing off the local bee population.

L.A.O. Roadhouse, a Canada department of agriculture pesticide expert, offers some tips to farmers, fruit growers, market gardeners, custom spray operators and beekeepers.

If a beekeeper is warned in time that a toxic chemical is to be used in his neighborhood he can protect his bees. He may move them or shut them up for

a day. The beekeeper should be alert for spraying and inquire what is being applied and when.

Mr. Roadhouse also suggests:—Sprays or dusts for orchards and field crops should be applied before the blossoms open or after all the petals have fallen.

—Warn local beekeepers before using a chemical fruit thinner.

—Apply weed killers on cereal or forage crops before the weeds bloom.

—If the orchard has cover plants in bloom, cultivate or mow before spraying.

—Chemicals highly toxic to bees should be used only before and after flowering and never within a quarter mile of bee colonies or blooming fields.

—Insecticides deadly to bees include arsenicals, Sevin, dieldrin, dinitro, parathion, Diazinon, Guthion and malathion.

—Time spraying and dusting so that chemicals will not drift to nearby fields where bees are foraging.

—Do not dump waste chemicals or empty containers where they might contaminate pools or streams that bees are likely to visit for water.

'Bad meat' outcry hikes inspections

In the first six weeks of 1962 the federal Health of Animals division received more than 70 applications from firms for inspection of killing and meat processing plants, Dr. K. F. Wells, veterinary director general of Canada, announced.

The influx could be traced directly to the recent outcry against uninspected meat allegedly being retailed to the public, he said. Previously applications came in at the rate of one or two a month.

Dr. Wells pointed out that the law requires the meat inspection service of the division to inspect plants from which the product is shipped out of the province or out of the country. Such products carry the "Canada Approved" stamp.

Meat establishments in Canada under federal inspection total 230 and comprise 65 large animal slaughter plants, 68 poultry slaughter and processing plants, and 97 meat processing plants.

Dr. Wells said the growing list of applications for federal meat inspection is made up of firms volunteering for inspection to satisfy retailers who want the Canada Approved stamp on the product, and consumers who have begun expressing the same wish. He added federal inspection has already been extended to some applicants; other applicants were in the process of qualifying.

FEWER DIVORCES
FREDERICTON (CP)—Court records here show a reduction in the number of New Brunswick divorces in late years. Including an occasional annulment, there were 161 legal separations in 1961, compared with 162 in 1960 and 221 in 1959.

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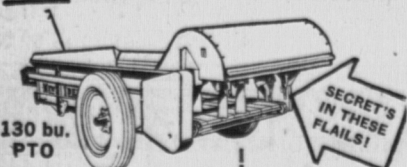
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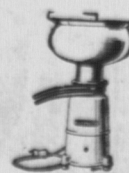
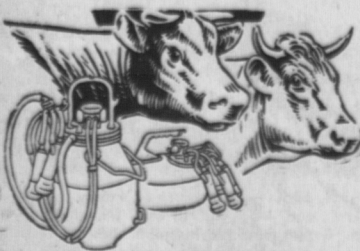
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