

Thousands Visit

(Continued from page 11)

were Charlottetown Sunset, an open-pollinated seedling; a red Charlottetown Ripple, a Ginger B. egg seedling.

Soil Laboratory Unit Field plot tests were conducted in 1956 on the O'Leary, Charlottetown and Culloden soil series, to study the response of grain (oats) to combinations of different amounts of nitrogen, phosphorus and potash.

The results show that yields of both grain and straw can be increased significantly with each increase in the amount of nitrogen applied. The response to phosphorus and potash varied with each soil and was not quite so conclusive as for nitrogen.

The average increases in yield of oats resulting from the various applications of fertilizer were, 39.5 per cent on the O'Leary soil, 17.8 per cent on the Charlottetown soil and 63.8 per cent on the Culloden series. These increases were obtained, on each soil, on land that had been cropped to potatoes in 1955 and had received liberal applications of fertilizer.

The apparently lower response on the O'Leary soil can, in a large measure, be explained by the fact that severe lodging occurred on all plots while the grain was in the sheath stage. In consequence, the grain did not fill out as well as on the other two soils.

FARMERS' SOIL SAMPLES

The number of soil samples received at the Experimental Farm Soil Laboratory from farmers, for advisory purposes, was less than in previous years. Approximately 23.0 per cent of the samples were

layers.

From 1951 to the 1955 hatch testing has been done to determine the value of approved methods of selection for the improvement of egg production, utilizing a number of high quality strains of birds as a basis for the work.

As a large number of birds are required to make such an effort successful, this Farm co-operated in the project with Agassiz, B.C., Lethbridge, Alta., Morden, Man., Ottawa, Ont. and Harrow, Ont. With large numbers of birds available, offering scope for selection, improvements in the nature of 20-25 eggs per bird have been possible in this short period.

Carrying the investigation a step further, Lethbridge and Charlottetown, for the 1956 hatch, will endeavour to determine the economic value of strain crossing as a means of increasing production.

Six strains, crossed in all possible ways (36 in all) are being tested, the results from which will not be available until the autumn of 1957.

Breed crossing has, in some instances, produced rather excellent results, and it is felt, perhaps, the crossing of strains within a pure breed may prove equally satisfactory and, at the same time, maintain breed identity - something quite impossible when two breeds are crossed.

At mid-December, production stood at 88 per cent. This represents an all time high for the Farm.

Full Feeding and Restricted Feeding Compared - This season half the Station flock was reared on a system of full-feeding and the remaining half on a feed consumption restricted to 70 per cent of the intake of the full-fed birds.

of the shop with the light bundle under his arm, and slunk by windows filled with warm woollen clothes. . . the kind Cora so sorely needed.

All the way home on the train his heart sank lower and lower. He felt so chilled and miserable at the thought of his weak behavior that Cora rushed at him as he opened the door, exclaiming, "My dear, what dreadful thing has happened to you?"

They had an excellent if frugal dinner. Cora chatted happily of this and that, looking unusually pretty and gay. Sam tried to meet her laughter, but actually shivered along his spine. "Idiot! Fool! Wretched unspeakable lunatic that he was! Would a yellow-and-black Chinese kimono keep Cora warm? It would not.

Justice demanded that he confess. Cora would be kind, and that would hurt more than anything. Cora would be kind . . . and keep right on feeling cold on the crisp mornings after Christmas. But he must do it . . . muddle through it somehow.

After dinner he came close to Cora muttering something about a gift, and how darned sorry he was . . . and please, please not to

look at him so sweetly. Cora unwrapped the bundle. Sam waited. The lovely shining thing fell to the floor with the lights gleaming on it.

"Oh . . . oh . . . I never in all my life saw anything so magnificent! For me, surely, surely not for me, Sam. But how I'd adore it! I'm sure I wouldn't mind anything if I knew such a gorgeous garment were hanging in my closet. But of course you're teasing me . . ."

"No," said Sam heavily, "it's your Christmas present. I feel like a cad. I know you need the warm things . . . don't be so darned sweet about it!" he commanded crossly.

Cora flung on the robe, and threw her arms around Sam's neck. "I don't know why you're acting this silly way . . . but if you're so dead set on warm things . . . a whole box came this afternoon from Uncle Horace."

Sam sank weakly into a chair. "You're so lovely I want to kiss you very hard."

"Why not?" inquired Cora, resplendent in the yellow-and-black kimono. "This is simply the most wonderful thing you ever did for me."

Sam looked at a green sweater. That would be becoming to Cora's light curls. Or that cheerful red one. Nice on snowy winter mornings. The very chickadees would sing with pleasure at sight of her in that sweater. He took a few steps toward the shop door when his eye fell on a black-and-yellow silk kimono.

Of course he would not get it; just inquire the price so that he might look at it.

The moment Sam touched a reverent hand to the exquisite silk he was lost. Thrifty, hard-working Sam! How could he have done such a thing? And so calmly, too. "Please wrap it up," he had said. The price had been reduced in order to sell quickly. He walked out

and house.

As at November 30th, those in the round house had averaged 12.8 eggs and those in the standard house 13.5 eggs each. It will be interesting to note relative standing at the end of the year.

BROILER PRODUCTION

While the broiler industry is of secondary importance from an economic standpoint, in the Province, the Station is co-operating with other units in testing strains and crosses for the production of a rapid growing, easily finished, high quality bird for this specialized trade.

Emphasis is being placed on determining the usefulness, for crossing purposes, of the Ottawa developed Broad Breasted White, a breed carrying a lot of Cornish blood and producing a meal carcass of superior quality.

EGG QUALITY

Extensive investigations are being conducted on egg quality—a factor of extreme importance to Prince Edward Island. Many thousands of eggs have been broken out and data recorded on shell strength, height of firm albumen, incidence of blood and meat spots, etc.

While the main bulk of data have not been processed, there is some evidence that incidence of blood and meat spots seem to run in individuals and families, and thus may respond to breeding and selection looking toward elimination.

It was also noted that eggs held in storage for 14 days at a uniform temperature of 51 degrees F. deteriorated markedly in interior quality over eggs from the same birds broken when fresh.

As this is considered a very suitable temperature for short-period storage and is much superior to that commonly found in market outlets, it is quite possible that poor egg quality at the consumer-level may trace back to poor storage temperature during the handling-marketing period.

WELCOME VISITS

Finally the staff of the Experimental Farm at Charlottetown is ever ready to be of assistance to farmers throughout the province and will welcome visits from them either singly or in groups. The size of staff and the great amount of detailed work which must be attended to at the Farm, makes it impossible to visit many private farmers, but when special problems are confronted, everything possible will be done to help solve them. We are all looking forward to a good year for Agriculture in 1957.

from Prince County, 72.0 per cent from Queens County and 5.0 per cent from Kings County. In the early years of the soil testing service, seventy-five per cent or more of the enquiries were concerned with the potato crop.

In 1956, only 36.0 per cent of the samples were from fields to be used for potatoes, 17.3 per cent grain, 4.3 per cent hay and pasture, 7.0 per cent other field crops, 8.0 per cent canning crops, 6.0 per cent small fruit and orchard crops and 21.0 per cent home gardens, lawns, etc.

The results of the analyses of these advisory samples indicate the need for continuing attention to two basic principles of good soil management practice. They are, the return of organic matter to the soil, either as barnyard manure, green manure crops or composts, and the judicious use of limestone.

Approximately 55.0 per cent of the samples showed an organic matter content lower than is considered desirable for maintaining a productive soil, and 45.0 per cent of the soils were found to be strongly acid.

POULTRY INVESTIGATIONS

Work in poultry has two main objectives - improved production, whether of eggs or broiler meat, and improved egg quality. Single Comb White Leghorns are used as

Two houses are being utilized for this work, a circular house 72 feet in diameter, built of concrete blocks, and a standard wood-frame house, 20 feet deep by 100 feet long.

Fourteen hundred and seventy birds (selected at random) were placed in the circular house (October 11th) and seven hundred and forty-four in the rectangular stand-

As of December 11th, when birds had been in production for 61 days, 1116 pullets reared on full feed averaged 28.9 eggs each while 1098 pullets reared on a restricted diet averaged 25.1 eggs each, with the latter then laying more heavily than the former. Laying house mortality stood at 1.6 per cent for the full fed and seven-tenths of one per cent for the restricted birds.

As to egg size, the following sets forth the percentage, by sixes, for the two lots:

Egg Size - Full Fed	Restricted Feeding		
	Full Feeding	Restricted Feeding	
Size	Per Doz.	Per Cent	
Pewees	Less than 18 oz.	2.9	1.9
Small	18-20 oz.	30.4	26.9
Medium	21-24 oz.	56.6	58.8
Large	24-27 oz.	8.1	10.0
Ext. Large	Over 27 oz.	2.0	2.4
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STUDENT NURSES SING CAROL FOR PATIENTS

Student nurses at Prince County Hospital presented their annual program of carol singing to the patients in the various wards of the hospital, on Thursday night, and are seen above with the hospital superintendent, Miss Margaret Collicutt; the accompanist, Mrs. Muriel MacArthur; and the director, Gabriel Chaisson. From left to right, they are, **FRONT ROW:** Elizabeth MacInnis, Eleanor Clark, Shirley Gallant, Mrs. Muriel MacArthur, the accompanist, Miss Margaret Collicutt, the hospital superintendent, Audrey Gaudet, Myrna Hancock, Janet Gordon. **SECOND ROW:** Gabriel Chaisson, the director, Eileen Gaudet, Clarann Found, Donna Lee Silliphant, Albert MacAusland, Dorothy Clark, Ethel White, Miriam Caseley, Elaine Humphrey, Mary Rae Tanton, Elizabeth Enman. **THIRD ROW:** Edith Poole, Shirley MacKinnon, Pauline Myers, Elizabeth Brookins, Shirley Mann, Doris Andrew, Shirley Black, Audrey Millar, Elizabeth MacDonald.

The Guilty Gift

By Martha B. Thomas

Sam Lincoln walked slowly along the street gazing into store windows. An icy wind caught him at the corners but he hurried across to the next curb intent on his mental shopping.

He was thinking hard of Cora, too. Though not a word had been spoken between them on the subject, it was quite understood that he should buy her warm gloves, a warm sweater and stockings for Christmas. He'd saved a fair amount for this very purpose. When you gave up your city living for the country, you thought in terms of wool. Cora needed all these things. Her gloves were worn down to thin spots. Her sweater had been mended a good many times and her stockings - well, Cora just laughed about them. Cora would. She had made fun of every hard thing about changing their home, from the dreadful wheezy pump in the kitchen, to the way the floors slanted in the bedrooms, so that no pencil would stay on a table, and books continually slid off on the floor. Cora was a thoroughbred and a good sport.

Sam looked at a green sweater. That would be becoming to Cora's light curls. Or that cheerful red one. Nice on snowy winter mornings. The very chickadees would sing with pleasure at sight of her in that sweater. He took a few steps toward the shop door when his eye fell on a black-and-yellow silk kimono.

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TEST PLOT FOR FERTILIZATION

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The Guardian, Page 13

Saturday, Dec. 22, 1956

TEL AVIV (Reuters) - A former Red Army officer, who fought as a volunteer with the Israelis in the 1948 Palestine War, was sentenced today to five years in prison after being found guilty of espionage for Egypt. The officer, Alexander Yulin, 44, was found guilty of "heading an Egyptian espionage ring in Israel."



Warmest Holiday Greetings

Wood's Ltd. SUMMERSIDE

VIENNA (AP)—Radio Budapest said Friday the ban on sale of wine, beer and hard liquor in Hungary would be lifted partially at midnight. The liquor ban was imposed during the general strike last week.

AMALGAMATED DAIRIES LTD.

SUMMERSIDE

Our sincere wish is that you and your family may know all the old-fashioned, yet ever new, joys of the season. Merry Christmas!

Wishing you all the joys and blessings of this holy Yuletide Season

R. E. ELLIS AND SON LTD. SUMMERSIDE

HALL MANUFACTURING CO. LTD. SUMMERSIDE

Our Christmas Wish

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Greetings



May your Yuletide be bright and shining as the gleam of Christmas candles!

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