A MAGGOT-ridden turnip was a subject for concern, in that it was just one in a field full, yesterday morning at a farm at Argyle Shore. Dean C. Read, research officer at the Experimental Farm (right) explains to a group of about 35 turnip growers how this particular field got this way, and the proper methods of using insecticides to prevent similar situations from cropping up elsewhere.

Turnip Growers Urged To Work With Nature

BY NANCY WHITE

"By working with nature instead of against her, we have a chance of keeping insects out of the crop", Dean Read, Experimental Farm research officer, told a group of some 35 turnip growers who assembled yesterday morning at the Argyle Shore farm of Douglas MacPhail, to discuss the problems of maggot infestations in turnip crops.

Mr. Read, introduced by R. W. Parent of the Experimental Farm, advised those present that broadcast applications of heptatachlor and aldrin fertillizers had resulted in the development of toxin-resistant maggots.

Mr. Read, who has made an extensive study of turnip insects and their control, addressed the growers in a field in which 150 to 200 such maggots inhabited each turnip.

He told the group that broadcast spreading of insecticides kills off the rove beetle and four other predators and parasites which feed on the root maggots.

He said that while these insects do not give 100 per cent control of the maggots, they do play an important part in controlling it.

BAND METHOD

The insecticides now being used, aldrin and heptachlor, may be used without the subsequent development of toxin-resistant maggots, if they are properly applied, he said.

The recommended method is to apply the insecticide in a five-inch band, 1½ inches below the surface of the soil in a ridged seedling row.

But in field already infested with the resistant maggots, the only way to rectify the situation the following year is to use a much more toxic insecticide, thimet, in the above way. Much care must be exercised in handling this chemical, he said.

One great drawback to the use of thimet is that it greatly increases the chances of rot developing in the crop. With the new chemical this chance is 50-60 per cent, as compared with the one to three per cent chance with the chemicals at present being used.

Mr. Read stressed that if the thimet were applied broadcast, it would break down and become useless within three weeks.

CO-OPERATIVE EFFORT

Control of the cabbage root maggot — it was pointed out that there are no 'turnip maggots' found on P.E.I. — which affects not only turnips, but cabbage, cauliflower, radishes, broccoli and other crops, can only come about through the efforts of all the turnip growers in any particular area.

If one farmer treats his field by the proper methods, he still won't have the problem licked if neighbouring farms have disease - ridden crops, for the adults of the cabbage maggot travel on the wing.

The farmers later on in the morning were shown how proper insecticide application in an area can result in perfect crops, as they visited the farm of Jack Nelder, in Tryon. Farmers in that area have been using the "band" method for eight years.

Mr. Read showed the group a chart illustrating the life cycle of the maggot, which showed why broadcast methods of spureading insecticides were ineffective.

"We're hoping that, with concentrated band application, all (maggots) will be killed, and the predators survive," he concluded.

WESTERN BRIEFS

IN HOSPITAL

Mrs. Nathan Bell of Carleton Siding is a patient in the Prince County Hospital.

LIGHT DOCKET

Only one case comprised the docket in Summerside police court yesterday. One person was fined $20 and costs for drunkenness. Magistrate R. S. Hinton presided.

FROM NEW YORK

Mr. and Mrs. William Lee and their son of Hamilton, N.Y. are visiting Mr. and Mrs. Harvey Butt, Alberton South. They are guests at Fernlee Cottages.

TO GRAND MANAN

Mr. and Mrs. Lester Wilson, who have been guests of Rev. and Mrs. H. E. Mullen at Elmsdale, left yesterday for their home in Grand Manan, N.B.

ON HOLIDAY

Mr. and Mrs. Elmer Barbour have arrived from Toronto to spend a holiday with Mr. Barbour's parents, Mr. and Mrs. Harry Barbour, Alma, and Mrs. Barbour's mother, Mrs. Alfaratta Douglas, Norboro.

HAVE GUESTS

Mr. and Mrs. George Williams, Alberton, have as their guests, Mr. and Mrs. David Maxwell, David Maxwell, Jr., and Bruce Goodwin, all of Sydney Mines, N.S.

AT ALBERTON

Mr. and Mrs. Earl MacLeod, Toronto, are guests of Mr. and Mrs. Douglas Rix, Alberton.

BY PLANE

Wesley Rix arrived yesterday by plane from Hamilton, Ont., to visit his brother and sister-in-law, Mr. and Mrs. Douglas Rix, Alberton.

AT MONTROSE

Mr. and Mrs. Fred C. Ramsay, Montrose, have had as their guests this week the former's brother and sister-in-law, Mr. and Mrs. George Ramsay, of North Battleford, Sask., their son and daughter-in-law and granddaughter, Mr. and Mrs. Carl Ramsay and Ann, of Cutknife, Sask.

HAD OPERATION

Bernard Gallant, Miscouche, is a patient in Charlottetown Hospital where he is convalescing after undergoing an operation recently.

AT MISCOUCHE

Mr. and Mrs. James Ross and family, Dalhousie, N. B., were recent guests at the home of Mr. and Mrs. Theodore Gallant, Miscouche.

HAS BROKEN HIP

Mrs. Alexander Hiltz of Kensington is making her home with her son-in-law and daughter, Mr. and Mrs. Austin Bears, Head of St. Margaret's Bay, N.S. Mrs. Hiltz is still bedfast, the result of a broken hip several months ago.

IS PATIENT

Jerry Richard, Miscouche, is a patient in Prince County Hospital, Summerside.

VISITS GRANDPARENTS

Miss Miriam Crawford, Tryon is spending this week visiting her grandparents, Mr. and Mrs. Roy Toombs of North Rustico also her aunt, Miss Irma Toombs.

HAS BRAIN SURGERY

George Hiltz formerly of Kensington, who has been residing the last several months with his sister, Mrs. Austin Bears, Head of St. Margarets Bay, N. S. is a patient in the Victoria General Hospital, Halifax where he underwent brain surgery on Thursday.

'Floating Chapel' Will Visit S'side Harbor, Mon. And Tues.

SUMMERSIDE — The Floating Chapel from Pugwash, N.S. will be holding outdoor services at the Railway Wharf in Summerside Monday and Tuesday. Services begin at 7.30 p.m. Rev. Roy Campbell of Pugwash Baptist Church will skipper the craft across the Straits on Monday.

Having just completed a successful tour of Charlotteetown, Murray Harbor and the Montague - Georgetown areas, the Floating Chapel is expected, to present the Christian message to large crowds in her two appearances in Summerside harbor.

This 34-foot cabin cruiser of the Cape Island style has a beam of 11½ feet and proved her seaworthiness in the trip from Shag Harbour, near Yarmouth, where the craft was built, up the open Atlantic Ocean to Lunenburg, Halifax and through Northumberland Straits to Pugwash.

Mr. Campbell is known to Islanders for his many campaigns and as a broadcaster on the "Light of Life" hour from Moncton during the 1950's. He will be accompanied by his wife who will sing the gospel. Mrs. Campbell teaches French and English to grade 12 in the Pugwash District High School. She holds BA and B Ed. degrees from Mount Allison University.

Rev. Keith Hobson of the Summerside Baptist Church is in charge of local arrangements.

KENSINGTON GIRL LEADS

Grade 12 Examination Results Are Announced

Kensington and Summerside students took top honors among the province's regional high schools in the Maritime grade 12 examinations it was learned yesterday. The results were released by the department of education.

Valerie Bowness, Kensington high school, won the provincial government's highest prize of $100, while Cyril Moase, Summerside high school, took the runner-up prize of -75. Third ranking student was Horace Crozier of Kensington who copped a $50 award.

Prizes of $25 for fourth, fifth and sixth were shared by Lynn Murphy, Clermont, Kensington High; David Mercier, Summerside, Summerside High and Anna Frost of Northam, Athena High.

Winners of prizes (first $25; second $15; and third $10) awarded by the provincial government to pupils standing highest in each public school are as follows:

Alberton High School

1. David MacNeill, Alberton; 2. Catherine O'Brien, Alberton; 3. Helen Dalton, Elmsdale, RR.

Athena High School

1. Anna Frost, Northam; 2. Margaret Frost, Northam; 3. Marilyn Compton, St. Eleanor's

Central Queen's

1. Carol Dickieson, New Glasgow 2. Gwelda MacPherson, New Wiltshire 3. Roger Hickox, Fredericton

Englewood High School

1. Donald Moore, Westmoreland 2. Russell Boyle, New Haven 3. Morey Dunsford, Hampton

Evangeline High School

1. Leo Arsenault, Abram's Village 2. Julia Arsenault, Abram's Village 3. Leona Bernard, Mont Carmel.

Kensington High School

1. Valerie Bowness, Kensington RR 2. Horace Crozier, Kensington RR 3. Lynn Murphy, Clermont.

Kinkora High School

1. Theresa Perry, (Sr. Mary Michael), 2. Marilyn Noonan, Albany 3. Winnifred Doiron, Souris East.

Miscouche High School

1. Gordon Louasz, Slemon Park 2. Kenneth MacDougall, Slemon Park 3. Lorraine Arsenault, Grand River.

Montague High School

1. Lynda Drake, Millview 2. Margaret Helen MacDonald, Montague 3. Dorothy Nicholson, Mt. Buchanan

Morell High School

1. Karen Kelly, Morell 2. Marilyn Grant, Peakes 3. Ernestine Smith, Peakes RR

O'Leary High School

1. Alice Earbour, Coleman RR 2. Sylvia Gard, Alberton RR 3. Mildred Milligan, O'Leary

Souris High School

1. Margaret MacAulay, Souris R.R. 2. Paul MacInnis, Souris 3. Joyce Bruce, Elmira

Stella Maris High School

1. Julien Gaudin, North Rustico 2. John Lester Gallant, North Rustico 3. Dianne Gallant, South Rustico

Summerside High School

1. Cyril Moyse, Summerside 2. David Mercer, Summerside 3. Cheryl Chalk, Slemon Park

Tignish High School

1. William Harper, Tignish RR 2. Wilson Shea, Tignish 3. Joseph Bernard, St. Louis

PASS LIST

The pass list includes the names of students who have made at least 50 per cent of the aggregate marks in the required minimum of seven subjects and who have no more than two failures. Class 1 includes the names of those who have attained 75 per cent or more of the aggregate of marks in the required minimum of seven subjects. Class two 60 to 74.9 per cent and Class three 50 to 59.9 per cent.

Alberton High School

Class II

Annie Barnett
Helen Dalton
Hazel Hardy
David MacNeill
Catherine O'Brien

Class III

**Mary Dalton
Catherine Foley
*Claude MacKay
*Carolyn MacArthur
**Donnie O'Brien
**Sandra Rayner

Athena High Schoo

Class I

Marilyn Compton
Anna Frost
Margaret Frost

Class II

**Joan Affleck
Percy Affleck
*Mildred Bernard
Mary Bishop
Joan Burleigh
*Raymond Cairns
Linda Colwill
Lynden Ellis
Gloria Ford
Marilyn Leard
Lina McFadden
Marilyn MacLean
Jeane Mayne
John Praught
Nancy Ramsay

Class III

*Alice Chappell
**William Dawson
**Garth Drummond
**Pauline MacCallum
**Alan McFadden
*Wendy Moore
**Dale Morrison
**Jacqueline Mugridge
**Harold Palmer
**Catherine Rankin
**Carol Reeves
**Marion Yeo

Central Queens

Class II

*Sandra Buchanan
Carol Dickieson
*Carol Gill
*Eleanor Gillis
Florence Holliwell
*Roger Hickox
Gwelda MacPherson
**Brenda Rackham

Class III

*Carl Bagnall
*Marie Callen
*Carol MacLennan
**Helen Newsome

Englewood High School

Class II

*Russell Boyle
Morey Dunsford
Donald Moore

Class III

**Nora Boyle

Evangeline High School

Class I

Julia Arsenault
Leo Arsenault

Class II

Aurele Arsenault
Robert A. Arsenault
Robert F. Arsenault
Raymond Arsenault
Stella Arsenault
Jean Bernard
Leona Bernard
Yvon Cormier
Roger Poirier
Raymond Richard

Class III

**Nancy Arsenault

Kensington High School

Class I

Valerie Bowness
Leo Brander
Sharon Clark
Horace Crozier
Sharon Howatt
Lynn Murphy
Judith Waite

Class II

Sharon Baker
*Donald Campbell
Winston Cousins
Elaine Doucette
Maureen Driscoll
Helen Dunphy
Madelyn Goodwin
*Myrna Harrington
Pauline Hughes
Charlotte MacGougan
Edith MacGougan
Margaret MacKay
Lawrence Thompson

Class III

**Garry Champion
**Robert Clark
*Vickie Cooke
*David Hunter
**Philip MacDonald
*Roger Meek
**Nancy Mill
*Kenneth Thompson

Kinkora High School

Class I

Theresa Perry

Class II

Winnifred Doiron
Sandra Green
*Joan Murphy
Marilyn Noonan
*Dean Sexton
*John Sherry
*Frances Aylward

Class III

**William Bassett
**Nancy Green
**Doreen Hammill
**Reginald Hammill
**Mary MacLellan
**Glen Murphy
**Mary Power
**Edwin Rayner
**Roger Sexton

Miscouche High Schoo

Class I

Gordon Louasz

Class II

Lorraine Arsenault
*Ronald Arsenault
Marion Cameron
May Forbes
Norman Ford
Ronald Gallant
Joanne Gaudet
Edwin Hunsman
Kenneth MacDougall
Gerald Praught

Class III

*Sheila MacLellan
**Carole Saulnier

Montague High School

Class I

Robert Bieren
Lila Dewar
Lynda Drake
Harvey Freeman
Linda Larsen
Margaret MacDonald
Dorothy Nicholson
Donald Smith

Class II

Peter Beaton
John Brehaut
Mary Buchanan
*Ronnie Butler
*John Cameron
*Gail Clow
Wilma Dunphy
*Mary Edmonds
Sheila Graham
Lawrence Henry
Mary Hewitt
Glen Hughes
Patricia Jenkins
*Anne Lea
Mary LeLacheur
Emma MacDonald
*John A. MacDonald
Alfred MacEwen
Etta MacLean
Brian MacLure
*Wayne MacPhee
John Martin
*Kenneth Mellish
Alberta Murchison
*Phyllis L. Nicholson
Jean O'Connor
Joan Panton
*Joan Ployer
*Ursula Roche
John Ross
Gail Young

Class III

*Gloria Buchanan
Heather Cameron
Marion Clark
*Lorne Cudmore
*Larry Fraser
**John Giddings
**Barbara Griffin
*Lorraine Henderson
**Howard Kerwin
*Neil Lannigan
*Gloria MacDonald
*Kenneth McKenna
*Katherine MacLeod
*Florine MacMillan
*Phyllis A. Nicholson
*Charles Rafuse
Glen Tattrie

Morell High School

Class II

Ellen Dingwell
*Roy Drake
Marilyn Grant
Karen Kelly
*Michael Kelly
Carl Murphy
Ernestine Smith

Class III

*Eldon Dingwell
**Michael Magennis
**William Rooney
*Garth Sanderson

Notre Dame Academy

Class I

*Mary Lou Callaghan
Patricia Shelfoon
Norma Stone

Class II

Brenda Atkins
Kaye Boudreault
*Janice Cheverie
*Kathryn Corrigan
Lynne Cullen
*Joan Gallant
Frances Hazen
*Patricia Knowles
Pauline Lappin
*Rita Lund
*Elizabeth MacLellan
*Mary McNally
*Geraldine Power
*Anne Shephard

Class III

**Elizabeth Gaudet
*Joyce MacDonald
**Claire McManus
Phyllis McQuaid
*Elizabeth Mullally
**Frances Murphy
Helen Noonan
*Sharon Scully
*Margaret Ward
**Paula Connolly

O'Leary High School

Class I

Alice Barbour

Class II

Sylvia Gard
*Rita Howard
*Mildred Milligan

Class III

**Ralph Bulger
**Alton Bulger
*Sterling Ellis
**Carmel Gallant
Margaret Horne
*Reginald MacAusland
*Lorna MacKinnon
**Eva MacMillan
*Irma MacWilliams
**Sherran MacWilliams
**Merman Palmer
*Hollis Brenda Ross

Souris High School

Class I

Margaret MacAulay

Class II

Joyce Bruce
Beverley Dixon
Josephine MacInnis
Paul MacInnis
*Lorne MacIsaac
*David Mullally
*Mary Ryan
*Donald White

Class III

**Earl Acorn
Margaret Burke
*Paulette Carter
*Merlin Clements
**Gerald Keays
*Carol MacDonald
**Doreen MacDonald
**Dwight MacEwen
**Basil MacKenzie
**Joanne Peters
**Joseph Pierce
*Carol Power

Stella Maris High School

Class II

Dianne Gallant
John Lester Gallant
Julien Gaudin

Class III

**Caroline Gallant
*Mary Eileen Gallant
*Willard Peters

Summerside High School

Class I

Cheryl Chalk
David Mercer
Cyril Moyse
Wayne Nickerson
Judith Perry
Andy Pleau
Janine Smith

Class II

Slyvia Bernard
Erma Blacquiere
*Monica Clow
Judith Cook
**Malcolm Coulson
Claire Dixon
Carol Enman
*Elizabeth Gaudet
Judy Hancock
Gerald Hopkirk
Brenda Hughes
Paul Kelly
Dianne LeRose
Francis MacCormack
Barrie MacGregor
Adele MacLeod
Marlene Ann LeClair
Barry Lisowski
*Louise Powell
**Judy Ramsay
Claudia Sears
Treva Sharp
Romar Shewchuk
*Robert Smith

Class III

**Frederick Bingham
*Carman Colwill
**Isabel Darby
**Jean Driscoll
**Sheila MacInnis
**Gerald McNally
**Joanne McNally
*Malcolm Matheson
*William Edwin MacWeh
*Lillian Murphy
**Johanna Perry
*Bernadette Trainor

Tignish High School

Class I

William Gerard Harper

Class II

*Elizabeth A'Hearn
Joseph Bernard
*Mary Carragher
Lucy Conway
*Christine Ellsworth
*Alice Gaudet
Ida Gaudet
Laurence Gaudet
Marion Gavin
June Kenny
Robert McCarthy
*Mary McDonald
*Joseph Ready
Camilla Shea
Virginia Shea
*Arlene Shea
Wilson Shea

Class III

**Mary Gaudet
*Irma Mokler

Foreign Trawlers Unsighted Friday

ALBERTON — Two Alberton South fisherman made contact Thursday with one of the foreign trawlers seen in the area but were unable to understand the language of the crew or identify their nationality.

Foreign trawlers have been reported to be fishing in the area where local fishermen have their nets set. The presence of the trawlers is under investigation by district protection officers of the federal department of fisheries.

On Thursday Lemont Hutt and his brother Cecil made contact with one of the foreign trawlers from their own boat. They said the foreigners appeared definitely friendly but they could not understand the language. There were no markings or flag to identify the nationality or registry of the vessel in any way.

Fishermen have said the trawlers stay beyond the three mile limit during the day but come much closer to shore during the night. The fishermen are expressing concern, saying that cod catches were good before the coming of the trawlers over a week ago but since have dropped to almost nothing.

Protection Officer Warren Farrar said yesterday that he or his assistant would be in the area to look into the situation. Mr. Farrar said the fisheries patrol ship Cygnus is in the area but up to yesterday had not sighted the trawlers.

Local fishermen said yesterday there was a haze on the sea and visibility was poor. They had seen nothing of the foreign vessels or the Cygnus during the day.

While the provincial department of fisheries is concerned, it has no power to take action except to act as liaison between the fishermen and the federal department.

Planning Commission Formed For S'side Area

SUMMERSIDE — A planning organization, to be known as the Summerside and Rural Planning Commission was formed Thursday evening at a meeting of representatives of the town and adjoining areas.

The commission will study the advantages of the various governmental assistance plans applicable for district improvements. These include the Agriculture Rehabilitation Development Act, The Atlantic Development Board and the Municipal Loan Fund, from among which financial assistance is available for specific and approved projects in the area.

Through appointed committees, comprising representatives from each area, Summerside, St. Eleanors, Wilmot, Sherbrooke and possibly Linkletter, studies will be made of major applicable subjects such as education, parks and recreation, health and welfare, garbage disposal, sewer treatment and disposal and tourism.

The outcome of each study is to be approved by the commission before being forwarded to the appropriate governmental department for approval.

BUD RAMSAY, Summerside, hands a lobster trap to his brother Arthur of Alberton as the two prepare for their second of four trips to the south shore fishing grounds from Queens Wharf in Summerside yesterday morning. The two men took out 175 traps yesterday to get a jump on the three-month long season which opened today.

Lobster Fishing Opens In South Shore Area

Lobster fishermen from Victoria to North Cape were busy laying traps yesterday morning. They will start hauling today with the opening of the fall season in district 8. It closes on Oct. 15.

Regulations allowed traps to be set from 9 a.m. yesterday.

Approximately one-eighth of the total catch of Island lobsters comes from the western area.

A scene repeated at many Island fishing centres took place at Summerside when some 20 fishermen, their boats piled high with traps, sailed from Queen's wharf for the fishing grounds.

The "go-ahead" signal was given by Fisheries Officer Jack Yeo.

The boats left at approximately 8.40 in order that they would be going past the Summerside lighthouse and out of the harbour by the official time of 9 a.m.

Fred Arsenault of Summerside, owner of the packing plant situated on Queens Wharf and one of four partners of Island Packers Ltd, who are erecting a new, modern cold storage and packing plant on this wharf, this morning was preparing to receive the first catches as they arrived.

WEATHER

TORONTO (CP) — Temperatures issued by the weather office:

	Min.	Max.
Dawson	42	67
Vancouver	59	75
Victoria	56	66
Edmonton	57	87
Calgary	56	86
Regina	59	82
Winnipeg	55	80
Toronto	62	73
Quebec	52	81
Saint John	58	71
Moncton	62	76
Halifax	61	69
Charlottetown	63	77
Sydney	62	71
Yarmouth	57	74
St. John's	55	66

HALIFAX (CP) — The weather office says cooler air is moving slowly into the Maritimes and by Saturday evening nearly all of the area will have relief from humid weather.

Regional forecasts-

Northern Nova Scotia, Prince Edward Island: Clouding over about noon; showers and thundershowers in the afternoon ending by evening; a little cooler; light winds becoming northwesterly 15 in afternoon with occasional gusts to 40 in thundershowers. Low-high at New Glasgow 62 and 73, Charlottetown 68 and 72.

Outlook for Sunday: Cloudy.

High tide today at Charlottetown at 2:12 a.m. and 2:19 p.m. Sunday at 2:49 a.m. and 3:14 p.m. At Rustico at 9:09 a.m. and 9:59 p.m. Sunday at 10:00 a.m. and 10:48 p.m. Summerside tide 18 minutes later than Charlottetown Sun rises today at 5:06 a.m. and sets at 7:05 p.m. Rises Sunday at 5:06 a.m. and sets at 7:03 p.m.

TURKEY DINNER AND PARISH PICNIC
SATURDAY, AUGUST 10th
St. ANNS Church
Hope River, P.E.I.
Route 6
Five miles from Cavendish on paved highway. Turn left at Stanley Bridge.
Will be held rain or shine in Parish Hall
Serving from 5:00 P.M.
And all home cooked food.
Everybody welcome—$1.50 per plate.
Also bingo and other attractions.
All proceeds are for church activities.

OUR MONTAGUE OFFICE
will be moving from its present location to Mrs. Hume's building on Main Street, and will be open for business there on and after July 25th.
Cyrus Shaw and Miss Minchin will be glad to serve old and new customers at this new location.
Hyndman & Co. Limited
Insurance Since 1879
OFFICES
Ch'town, Summerside, Alberton, Montague
Agents throughout the Province