

The
Nova Scotia

Wini Langille

**Agricultural
College**

TRURO, NOVA SCOTIA

CALENDAR

1962-1963



APPLICATION FOR ADMISSION

NOVA SCOTIA AGRICULTURAL COLLEGE

Date.....

Name in full.....

Address.....

Birthday..... Religious Denomination.....
Day Month Year

Next of Kin..... Relationship.....

Address.....

Have you been, at any time, a member of a 4-H Club?.....

Give details of interest.....
.....
.....

Are you a close relative of a former student?..... If so, please
give the name, degree of relationship, and if possible, the year of the
former student.....
.....
.....

Course Desired: First Year Diploma..... Second Year Diploma.....

First Year Degree..... Second Year Degree.....

Highest Scholastic Certificate obtained (including a record of marks)
.....
.....
.....

NOTE: Educational Certificates must accompany applications for en-
trance to the First Year Degree Course.

State practical farm experience, giving name and address of employers.
.....
.....

Signature of Applicant.....

Signature of Parent or Guardian.....

(Required only if applicant is under 21)

Questions to be answered and form returned to:

THE REGISTRAR

THE NOVA SCOTIA AGRICULTURAL COLLEGE

TRURO

Fifty-Seventh Annual

CALENDAR

OF THE

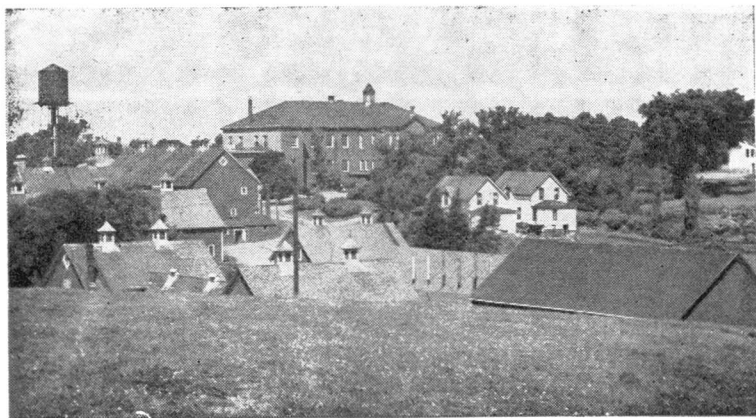
Nova Scotia
Agricultural College

TRURO

UNDER

The Nova Scotia Department
of Agriculture and Marketing

1962 - 1963



GENERAL VIEW OF N. S. A. C.

1962

SEPTEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1963

JANUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

APRIL

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

COURSE CALENDAR

Diploma Course

1962

October 9	*Registration, 10:30 a.m.—11:30 a.m. and 2 p.m.-4 p.m.
October 10	Senior Class lectures begin at 8:30 a.m.
October 10-13	Junior Class orientation period.
October 15	Junior Class lectures begin at 8:30 a.m.
December 19	Last day of lectures before Christmas recess.

1963

January 3	Second term lectures begin at 8:30 a.m.
April 20	Final examinations begin.
May 1	Graduation Exercises.

Degree Course

1962

September 4-15	*Refresher Course in Mathematics.
September 17-18	Supplemental examinations.
September 18	*Registration, 9 a.m.-11:30 a.m. and 2 p.m.- 5 p.m.
September 19	Lectures begin at 8:30 a.m.
December 11-19	First term examinations.

1963

January 3	Second term lectures begin at 8:30 a.m.
April 20	Second term examinations begin.
May 1	Graduation Exercises.

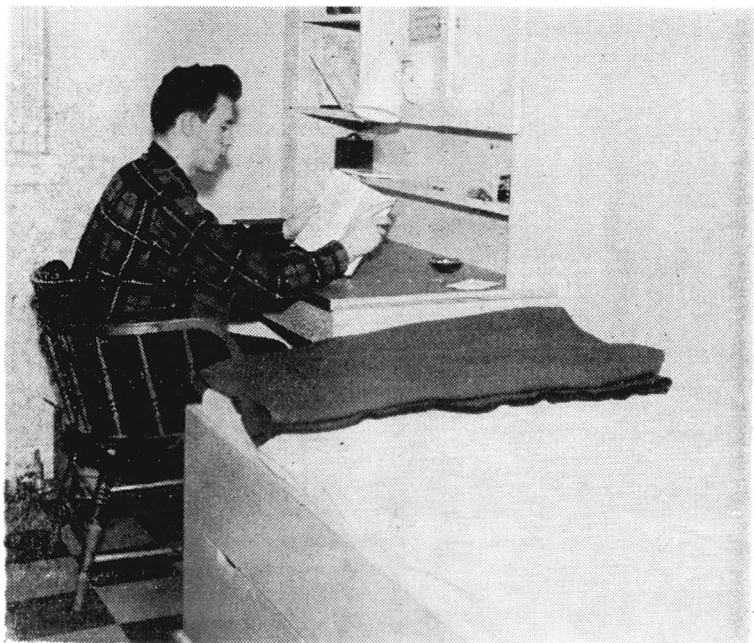
* Trueman House will be open as follows:

- for Refresher Course students, after 4:00 p.m. on September 3;
- for Degree Course students who have to write a supplemental examination, after 4 p.m. on September 15;
- for Degree Course students who are not members of the Refresher Course and who do not have to write a supplemental examination, after 4 p.m. on September 17;
- for Diploma Course students, after 4:00 p.m. on October 8.

Any student who wishes to use the facilities of Trueman House before the times set down will be charged at the rate of \$5.00 per day.

Registration consists of presenting a medical certificate, dated not more than thirty days before registration day, and of paying all fees and, for residents of Trueman House, the first board and lodging instalment. No student will be registered without fulfilling these requirements and no student who is not registered will be permitted to attend classes.

Students who register late will be required to pay a penalty of \$5.00 per day. No student will be permitted to register late without first having obtained permission from the Principal.



ROOM—TRUEMAN HOUSE

FACULTY OF INSTRUCTION

Principal

KENNETH COX, M.S.A.

Vice Principal,

Director Diploma Course

J. E. Shuh, M.Sc.

Agricultural Engineering	D. C. Milligan, B.Sc. (Agr.) C. E. Henry, B.Sc. (Agr.) G. E. Townsend, B.Sc. (Agr.)
Agronomy	Kenneth Cox, M.S.A. J. E. Shuh, M. Sc. D. T. Slater, M.Sc. J. F. Mahoney, M.S.A.
Animal Husbandry	S. L. Curtis, Ph.D. L. M. Cock, M.Sc. D. S. Cox, B.Sc. (Agr.) R. J. Huggard, B.Sc. (Agr.) E. G. Maynard, B.S.A.
Apiculture	E. A. Karmo, B.Sc.
Botany, Bacteriology	A. E. Roland, Ph.D. G. D. Palfrey, B.Sc. (Agr.)
Chemistry	G. R. Smith, Ph.D. J. E. Milligan, B.Sc. (Agr.) W. M. Langille, M.Sc. J. D. Hilcey, M.Sc.
Cooperation, Rural Sociology	F. E. Scammell, B.Sc. (Agr.)
Dairying	T. A. Murray, B.S.A.
Economics, Farm Management	W. A. Jenkins, Dr. P.A. W. V. Grant, M.Sc. D. M. Byers, B.Sc. (Agr.)
English	Parker Cox, M.A.
Entomology	M. E. Neary, B.Sc. (Agr.) R. L. Horsburgh, B.Sc. (Agr.)
Horticulture	G. B. Kinsman, M.Sc. H. A. L. MacLaughlin, M.Sc. N. V. Jankov
Mathematics, Physics	I. M. Fraser, B.Sc.
Poultry	D. R. MacDonald, B.Sc. (Agr.)
Veterinary Science	A. R. Main, D.V.M.

Administrative Officers

Business Manager	R. F. MacEwan
Registrar	Parker Cox, M.A.
Secretary	Isabel Davidson
Librarian	I. M. Fraser, B.Sc.

Agricultural Courses Offered

To the student who wishes to farm or engage in professional agriculture, the Nova Scotia Agricultural College offers courses designed to better fit him for the line of endeavour he wishes to follow.

Agriculture offers to the alert young man the widest possible field for study and opportunity. Its problems are a challenge to the keenest minds that can be brought to bear upon them, and it offers to many a young man the possibility of a career that will bring opportunity for useful service and distinction.

The record of the graduates of this institution, over the fifty-eight years the College has been in existence, is conclusive evidence that Maritime students can obtain a sound agricultural education in the courses offered at the Nova Scotia Agricultural College, located on a 300 acre farm at Bible Hill, a mile north-east of Truro, Nova Scotia.

The College is well equipped with buildings. Cumming Hall, Harlow Institute, the Agricultural Engineering Building, the Horticultural Building, and the Dairy Building provide adequate teaching facilities for all subjects offered and offices and laboratories for a large proportion of the staff of the Nova Scotia Department of Agriculture and Marketing.

Trueman House is a modern 124 bed dormitory, complete with a cafeteria, an infirmary, a Dean's residence, and storage, laundry, recreation and common rooms.

The following courses in agriculture are offered at the Nova Scotia Agricultural College:

- (a) The first two years leading to a degree in Agriculture.
- (b) A two year diploma course.
- (c) Agricultural short courses.

The Faculty reserves the right to withhold any first year course for which less than five students apply.

The Faculty will give sympathetic consideration to any student who wishes to take a special selection of courses in order to fill a specific need.

The instructors, trained in their own subjects, are constantly in touch with farm problems and agricultural organizations, because of the provincial positions they occupy with the Nova Scotia Department of Agriculture and Marketing.

The various courses arranged for the 1962-63 college year are listed and described elsewhere in the calendar. The Faculty reserves the right to make any revisions and additions that may be found to be necessary.

General Information

Post Office Address:

All mail should be addressed:
Nova Scotia Agricultural College, Truro, N. S.

Telephone:

Nova Scotia Agricultural College, Truro 893-4467.

Railways:

Truro is on the main line of the Canadian National Railways from Halifax to Moncton, and from Sydney to Halifax. Truro is also the terminus of the Yarmouth to Truro Dominion Atlantic Railway which serves the Annapolis Valley.

Highways:

Provincial Highways 2 and 4 lead to Truro from North, South, East and West. Number 1 Highway joins Number 2 Highway at Bedford, near Halifax.

Bus Lines:

The Acadian Coach Lines, maintains a bus terminal and ticket office at Truro.

Banks:

The following chartered banks have branches in Truro:

The Bank of Nova Scotia
The Canadian Bank of Commerce
The Royal Bank of Canada
The Bank of Montreal

Churches:

The following churches, to which students are invited, are located in Truro:

Protestant—

First Baptist Church
Immanuel Baptist Church
Zion Baptist Church
St. John's Anglican Church
St. James' Presbyterian Church
First United Church
Brunswick Street United Church
St. Andrew's United Church
St. David's United Church, Bible Hill
The Salvation Army

Roman Catholic—

Church of the Immaculate Conception

Telegrams:

Branches of both Canadian National Telegraphs and Canadian Pacific Telegraphs are located in Truro.

Address all telegrams in care of:

Nova Scotia Agricultural College, Truro, N. S.

Express and Freight:

Express or Freight may be forwarded to the Nova Scotia Agricultural College by either the Canadian National Railways or the Canadian Pacific Railway, since both lines maintain offices in Truro.

College Colors:

Royal Blue and Regular Gold.



CAFETERIA—TRUEMAN HOUSE

Rules and Regulations

GENERAL REGULATIONS

All students are under the charge of the Principal and are responsible to him at all times for their conduct. The Principal is authorized to make such additional regulations as may be found necessary for the discipline of the College and to impose fines or other penalties for any infraction of rules and regulations.

Students will not be permitted more than one unauthorized absence (from classes, practical instruction or laboratory periods) per credit per subject per term. Students who violate the above regulation will not be permitted to write the examination in the subject concerned.

Authorized absences for students for College activities will be credited toward the required attendance. Absence because of illness or family emergencies will be dealt with as individual cases. In case of illness the Registrar should be notified at once.

Students must not destroy, deface, or meddle with college property.

Every student is expected to show, both within and without the college, such respect for order, morality and the rights of others, and such sense of personal honour as is demanded of good citizens and gentlemen. Students found guilty of immoral, dishonest or improper conduct, intemperance, violation of rules, or failure to make satisfactory progress, shall be liable to college discipline including: suspension from classes or residence, disqualification from competing for honours or prizes, or withdrawal from the College.

Intoxicating liquors are strictly prohibited on College property.

RESIDENCE REGULATIONS

Students must not remove glasses, silver, dishes, or any article of furniture from the dining hall.

Students must wear a jacket (coat or blazer, shirt and tie at all noon and evening meals, and must conduct themselves in an orderly manner in the dining hall.

Nothing (pictures, banners, etc.) is to be attached to the walls of any College building.

Students will be required to provide their own blankets (single bed), towels, soap and drinking glass. Sheets, pillows, pillow cases and furniture will be provided by the College.

All clothing, towels and blankets should be marked with the owner's name.

A laundry room is available for the use of students. This room is equipped with set tubs, irons and ironing boards. No laundry will be permitted in the washrooms or bedrooms.

Each room is provided with a broom, mop and dust pan. It will be the responsibility of the student to keep his room clean and tidy at all times. Rooms will be inspected daily.

Ample provision is made for lighting in the students' rooms and no additional lamps will be permitted.

No firearms are permitted on College property.

Athletic equipment, such as hockey sticks, baseball bats, balls, pucks, etc., is to be kept in the storage room beside the recreation room in the basement.

Students wishing to entertain visitors in the dining hall must purchase meal tickets from the doorman on duty before the meal starts.

Students wishing accommodation for over night visitors in the dormitory must obtain permission from the Dean of Residence.

Students living out of residence must obey all residence rules while visiting in the dormitory.

No student may bring a lady into Trueman House without first obtaining permission from the Dean of Residence.

CAUTION DEPOSIT

Every student, at time of registration, must make a cash deposit of \$5.00 (\$10.00—residents in dormitory) with the Registrar to cover fines, breakage, etc. As soon as any student's deposit is exhausted, he or she will be required to make an additional deposit of the same amount.

Should any student, or students, destroy or deface college property, the cost of repairing such damage will be the responsibility of the student or students concerned.

All caution deposits are subject to a general levy for untraceable breakage and damage to buildings and equipment.

This fee, less deductions, will be refunded within two months after the closing of the College year.

MEDICAL EXAMINATION

Students at time of registration must be in possession of a medical certificate dated not more than 30 days previous to registration. If required, students must submit to further medical examinations upon request.

CONTAGIOUS OR INFECTIVE DISEASES

Students on holiday, or accepted candidates for admission, who become subject to an attack of any contagious or infective disease, or who reside in any dwelling in which any such disease exists, shall be subject to quarantine regulations approved by the medical profession.

In all cases of students, or accepted candidates for admission, suffering from, or coming in contact with those suffering from any contagious or infective disease, a medical certificate shall be required before they are allowed to return to the College.

MEDICAL FEE

The medical fee of \$6.00 per year charged each student at registration provides for him free doctor's attendance during the college year. It does not provide for hospitalization or for operations requiring hospital care. None the less, sympathetic consideration is given such cases in the light of their need and the state of the fund.

RAILROAD FARES REFUNDED

Students from the Province of New Brunswick taking any two-year course will have one return railroad fare refunded to them each year by the New Brunswick Department of Agriculture. Such refund will be made at the close of the second term, provided that they have passed the requirements for the year.

STUDENT GOVERNMENT

Through a system of self-government students are encouraged to accept the greatest possible amount of responsibility in connection with their own affairs. Only students taking regular courses are allowed to act as executive members of the Students' Council, or as members of student committees.

A committee of Faculty members, appointed by the Faculty to act in an advisory capacity, cooperates with student committees on financial, literary, social and athletic affairs in order that every possible benefit may be derived from such activities.

SOCIAL

The Students' Council each year appoints a Social Committee which directs the social activities of the College. Informal dances are held at regular intervals. These dances are planned and supervised by the Social Committee and two or more members of the Faculty.

The churches of the Town of Truro are very friendly and extend

a welcome to all students attending the Agricultural College. The churches entertain the student body on many occasions during the college year and at these functions pleasant associations are formed under very desirable auspices.

DEBATING SOCIETY

The Students' Debating Society conducts a series of inter-class debates. The champions are awarded the Nova Scotia Department of Agriculture and Marketing debating trophy. The activities of the Society are a valuable supplement to the weekly public speaking classes.

LIBRARY

The library and reading room are centrally located in the Administration Building, and students are invited to make full use of the books and bulletins in the library. The choice of books has been directed towards bringing together the best of modern literature, including subjects of the curriculum of the College.

The reading room is supplied with a number of farm and trade journals, literary, scientific and general periodicals, the daily papers, an assortment of weekly publications and other reading material believed to be of interest to the student body.

MUSIC

Music finds a place in the recreative and social activities of the College. It is suggested that those having violins, guitars or other orchestral instruments, should bring them.

GLEE CLUB

A students' Glee Club has won recognition in choral work. Students who have vocal talent are invited to participate.

ATHLETICS

Supervised athletics are a regular part of the College program. Basketball and hockey teams represent the students in local leagues and, as much as possible, in competition with other colleges and with rural high schools. An inter-class program provides an opportunity to the student who so desires to play basketball, hockey, softball, volleyball or badminton.

All students are to be in possession of a pair of gymnasium shoes, or sneakers. No other footwear is allowed to be worn in the gymnasium by those taking part in athletic competitions.

ATHLETIC REGULATIONS

All students are eligible to play for teams representing the College, subject to the following exceptions:

- (a) No student who has failed in more than three credits will be allowed to play on more than one team representing the college.

- (b) No student who has more than two failures will be allowed to play on any team representing the College, excepting at the discretion of the Faculty Committee on Athletics and the individual coach concerned.

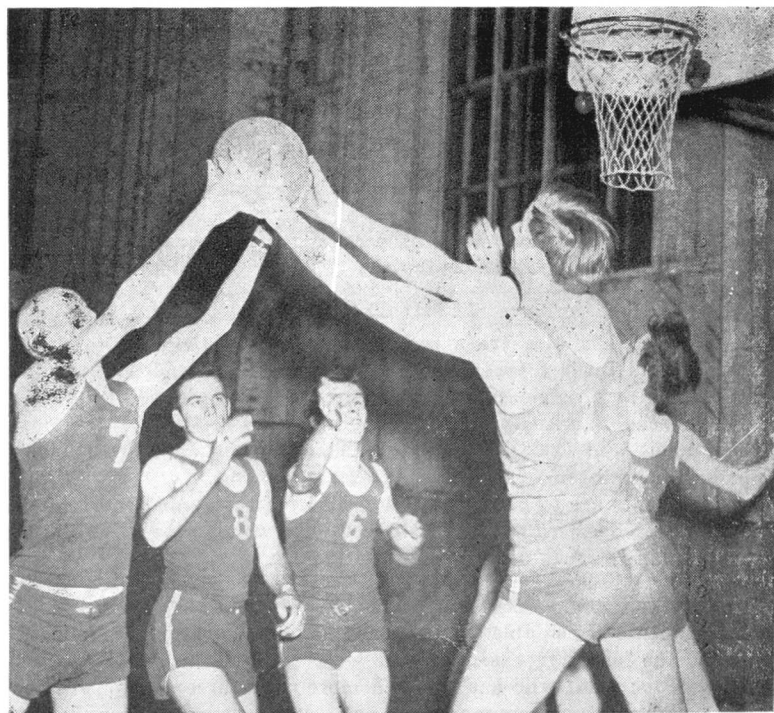
All teams or groups that go to any community or institution to participate in athletic or other activities must be accompanied by a member of the College staff.

OUTSIDE SPORTS

A student wishing to participate in athletics other than those sponsored by the College must apply in writing to, and obtain permission from, the Principal before participating either as a player or an official.

Any expenses incurred through injury while playing in outside games will be the responsibility of the student concerned, and will not be the responsibility of the students' medical fund.

Students who lose time from classes due to participation in outside games will not receive an attendance credit for the time lost.



IN THE GYMNASIUM

Athletics Trophies

THE L. C. HARLOW BASKETBALL TROPHY

In 1931 the late Professor L. C. Harlow donated a silver trophy for class basketball. It is competed for annually.

THE CAMPUS TROPHY

The Campus Trophy, for inter-class volley ball, is competed for annually by teams representing the various classes.

THE BOULDEN TROPHY

A cup, donated by the late C. E. Boulden, is offered for annual competition in inter-class hockey.

THE TOTAL AGGREGATE TROPHY

This trophy is awarded annually to the class having the highest total points in inter-class competition.

Diploma Course

The Nova Scotia Agricultural College offers a course in practical agriculture designed to help prepare prospective farmers for life on the farm and for citizenship in the community. The course, which begins on the Tuesday following Thanksgiving Day and continues until about May 1, is of two academic years in duration and leads to a diploma, recipients of which become "Associates of the Nova Scotia Agricultural College".

OBJECTIVES OF THE DIPLOMA COURSE

- (a) To foster and develop in the student a genuine interest in agriculture as a profession.
- (b) To provide complete and up-to-date information on all aspects of farming.
- (c) To stimulate and broaden such interest to the fullest extent through development of the student's ability, imagination and personality.
- (d) To instill in the student a pride in his chosen vocation and to foster a co-operative spirit in his association with others.
- (e) To present in a definite manner the problems confronting agriculture and the methods by which such problems may best be resolved on an individual or a collective basis.
- (f) To provide, through the medium of course material, a correlation between the various phases of agricultural research and its practical application to the problems of a region or of an individual farm.
- (g) To impress upon the student a realization that education must be a continuing process, and that as a farmer he must devote time and effort to keeping abreast with the rapid changes in agricultural technology.
- (h) To provide, through effective leadership, training of a type which will inspire confidence and thus assist in the preparation of the graduate for a role of maximum effectiveness in community life.

The College reserves the right to refuse all applications received after September 15, 1962.

FINANCIAL ASSISTANCE

Financial assistance for Diploma Course students to the extent of one dollar per day will be provided by the Dominion and Provincial Governments, under the Youth Training Plan. This is available to genuine Diploma Course students in both years who must board away from home.

One return railway fare from his home to Truro will be refunded to each Diploma Course student, one half on the last day of classes before Christmas and one half at the end of the academic year. So far as this calendar is concerned, both these provisions apply only to Nova Scotian students.

MARITIME CO-OPERATIVE SERVICES SCHOLARSHIPS

Maritime Co-operative Services offer a number of scholarships of \$50 each to students attending the Diploma Course. The purpose of these scholarships is to assist farm boys who might not otherwise be able to attend to obtain training for effective community leadership and in fundamental agricultural subjects and co-operative principles and methods. Students applying for these scholarships must be sponsored by a co-operative or a federation of agriculture and must apply through the local organization. Applications should be sent to Maritime Co-operative Services, Moncton, N. B., not later than October 1.

NOVA SCOTIA FEDERATION OF AGRICULTURE SCHOLARSHIP

The Nova Scotia Federation of Agriculture offers a scholarship of \$100 to a student entering the Diploma Course. Candidates should apply before October 1 to the Secretary of their District Federation.

ENTRANCE REQUIREMENTS

1. All candidates for admission to the Diploma Course:
 - (a) Must be sixteen years of age on or before opening day of the College year. In the event that there are more applicants than can be accommodated, preference will, in general, be given to the older students.
 - (b) Must be of good moral character.
 - (c) Must present a medical certificate dated not more than thirty days previous to registration. If required, students must submit to further medical examination upon request.

- (d) Must satisfy the College authorities that they possess such a command of both verbal and written English as to enable them to understand fully the course material provided, this section referring in particular to students whose primary language is not English.
 - (e) Must have spent at least one cropping season working on a farm, and must have a practical knowledge of ordinary farm operations. The College authorities may require a certificate of farm experience from the farmer-employer, setting out the time spent and the nature of the work done by the applicant. The College, when requested, will assist in finding suitable employment to qualify under this section. The season spent working on a farm may be before College entrance or between the first and second year.
 - (f) Must pay in advance all necessary fees and required deposits.
 - (g) Should possess a Nova Scotia Grade X Certificate, or equivalent. Students possessing less than these standards may be considered and accepted for entrance, but only after careful investigation of all other aspects of their qualifications.
2. (a) Regardless of an applicant's possessing all the above requirements, each applicant will be carefully screened to ensure that only those possessing the necessary aptitudes and enthusiasm for the course will be accepted.
- (b) Candidates for enrollment in the second year of the Diploma Course must have completed the first year and attained the required pass standards.
 - (c) Candidates with sufficient credits from another course in this or some other institution will be considered for admission to the second year.

COURSE STANDARDS

In continuous courses a final examination based on the year's work will be written in April. In term courses examination will be written at the end of the term. Tests, approximately one each month, will be written in all subjects. Instructors will allow not less than 30 per cent and not more than 50 per cent of the final mark in a subject for tests and other term assignments. A student who has made a mark of not less than 40 per cent of the maximum mark obtainable and an average of at least 50 per cent in all subjects of both years will be awarded a diploma.

A high honours diploma will be awarded to a student who has made an average of at least eighty per cent and an honours diploma to a student who has made an average of at least seventy-five per cent.

EXPENSES

The following payments are to be made at time of registration and are payable in advance:

Tuition (per college year).....	Free
Library.....	\$ 1.00
Students' Council.....	\$23.00
Cash Deposit—Trueman House.....	\$10.00
—Other.....	\$ 5.00
Medical Services.....	\$ 6.00
Books (estimated).....	\$15.00

Foreign students are charged a tuition fee of \$50.00 per year.

Provided that no adjustment in the rate proves necessary before registration, Nova Scotians and those from other provinces who are under an assistance program equivalent to that carried on by Nova Scotia will make the following payments for board and lodging:

October 9.....	\$42.00
November 27.....	\$20.00
January 3.....	\$30.00
February 6.....	\$42.00
March 25.....	\$32.00

Students who have been awarded scholarships, loans, bursaries, etc., are expected to make the regular payments on registration day and are required not to ask for a postponement of payment until the promised funds are available.

DESCRIPTION OF COURSES

The Faculty reserves the right to make any revision which may be necessary.

AGRONOMY-SOILS

- (a) **Elementary Chemistry:** This course is designed to give the students sufficient knowledge of elementary chemistry to better understand their studies of soils, soil management, nutrition and other subjects in which this fundamental information is necessary.

1st yr, 1st term—2 lects. and 1 lab. per week.

- (b) **Introduction to Soils:** This course is designed to give information that will enable an understanding of the fundamental principles of agricultural soils, including a study of the physical, biological, and chemical properties of soils. Soil formation and classification are studied.
1st year, 1st term—1 lec. per week.
- (c) **An Introduction to Field Crops:** This will include early crop history, classification of field crops, crop adaptation, germination and growth, crop rotations. Laboratory classes will be on the identification of grass and legumes by vegetative characters.
1st year, 1st term—1 lec. and 1 lab. per week.
- (d) **Soil Fertility and Management:** This includes principles and practices of liming; soil nitrogen; phosphorus and potash; fertilizer chemicals; value, conservation and use of farm manures; minor elements; crop rotations and soil fertility; soil erosion and its control; rehabilitation of reclaimed marshland; value and use of soil survey reports.
1st year, 2nd term—2 lecs. and 1 lab. per week.
- (e) **Field Crop Production:** This will include selection; seeding; fertilization; insect and disease control; harvesting, management and storage of common field crops, such as pasture, silage, hay, cereals, potatoes, and roots.
1st year, 2nd term—2 lecs. and 1 lab. per week.
- (f) **Genetics:** Basic principles of heredity including Mendel's Laws and ratios; physical basis of inheritance; sex determination; sex linkage; linkage; lethal factors; multiple alleles; multiple factors; sex influenced factors; sex limited factors; and hybrid vigour.
2nd year—time to be arranged.
- (g) **Advanced Field Crops:** Production and management of the minor field crops; seed production; mass selection and pure line theory; seed legislation in Canada. Laboratory periods in seed selection, judging and cleaning.
2nd year—time to be arranged.
- (h) **Agricultural Chemistry:** This will include a study of the following: the chemical and physical properties of HARD and SOFT water; farm water supply; combustion and combustion products; spontaneous combustion; chemical fire extinguishers; chemical processes of silage making; feed analysis—chemical properties of proteins, fats, CHO; the chemistry of concrete and mortar; and chemical properties of paints, wood preservatives, disinfectants, etc.
2nd year—time to be arranged.

ANIMAL-POULTRY HUSBANDRY

The production of livestock and poultry is given by different classes of animals throughout two years. Each section includes management, breeding, disease control, and product marketing for that class of animal. Nutrition of poultry and other livestock is given in separate sections of the course. The course is made of the following sections and sequence.

- (a) Poultry breeds, brooding, rearing and management; dairy cattle production and marketing; livestock feeds and feeding. 1st year, both terms—4 lecs. and 2 labs. per week.
- (b) Beef cattle production; swine production; production of ducks, turkeys, and geese; poultry nutrition; sheep production. 2nd year, both terms—4 lecs. and 2 labs. per week.

ENGLISH

- (a) Reading assignments to encourage an interest in literature and to develop comprehension. Exercises in spelling, use of words, composition, and correspondence. The conduct of public meetings. Both years—2 lecs. per week.
- (b) The preparation and presentation of papers in seminars. Topics to be assigned by Instructors in each of the other fields of study and to be evaluated one-half for content and one-half for presentation. Both years—1 lab. per week.

FARM BUSINESS

The farmer of today is a businessman and to make a success of his occupation he must be aware of certain fundamental principles of management. It is important, as well, that he be aware of some of the characteristics of the industry in which he is working. This course trains the student in sound management methods and also presents some of the problems of the industry in general. During both years, visits will be made to modern farm operations to illustrate the material given in class.

- (a) **Farm Management:** Organization and operation of a farm business, decision making, problems of management, and farm records and accounts. 1st year, both terms—2 lecs. and 2 labs. per week.
- (b) **Mathematics:** 1st year, both terms—2 lecs. per week.

- (c) **Farm Management:** Agricultural industry, farm planning, labour efficiency, legal aspects of farming, and a project.
2nd year, both terms—2 lecs. and 2 labs. per week.
- (d) **Canadian Agricultural Policy and Farm Organizations:** Definition of farm policy, federal government policy, provincial government policy, and farm organizations.
2nd year, 1st term—time to be announced.
- (e) **Agricultural Marketing:** Nature and importance of marketing, market prices, types of markets, marketing costs and margins, and a project.
2nd year, 1st term—2 lecs. Time to be announced.

FARM MECHANICS

- (a) **Land Drainage and Development:** Simple surveying, levelling, surface drainage, underdrainage, building dams, farm ponds, using explosives, soil erosion, clearing land, fencing and gates.
1st year—2 lecs per week both terms; 1 full afternoon lab. per week part of the year.
- (b) **Farm Buildings and Equipment:** Planning and environmental conditions, building materials, designing for loads, types of structure, dairy, beef, hog, sheep, poultry, feed and machinery storage, housing and remodelling, calculating costs, water supply, sewerage disposal systems and barn automation. Use of drawing instruments and elementary plan drawing. Project of drawing one building and figuring a bill of materials for same.
1st year—2 lecs. per week both terms; 1 full afternoon lab. per week for part of the year.
- (c) **Farm Machinery and Farm Power:** Principles, adjustment, operation and maintenance of gasoline engines and farm machinery.
2nd year, 1st term—2 lecs. and 1 full afternoon lab. per week.
- (d) **Farm Shopwork:** Selecting and maintaining equipment, cold metal work, hot metal work, electric welding, gas welding, soldering, and home plumbing.
2nd year, 1st term—2 lecs. (grouped together) per week; either lab. or lecs. or both.
- (e) **Rural Electrification:** Elementary theory of electricity and wiring practices. Principle of operation and maintenance of electric appliances used for light, heat and power on the farm.
2nd year, 2nd term—2 lecs. and 1 half afternoon lab. per week (lab. part time).

- (f) **Farm Shopwork:** Continuation of first term course. The course ends with a sizable project (which is practical in the instructor's opinion), in either woodworking, metal working, or a combination of both.
2nd year, 2nd term—2 lecs. (grouped together) and 1 half afternoon lab. per week, plus an additional one-half afternoon per week (part time).

HORTICULTURE

- (a) **Small Fruits Culture:** This course is designed to take up the various practices involved in the culture of the different fruits making up the group usually considered under this classification. Under our conditions, this includes strawberries, blackberries, raspberries, high bush blueberries, low bush blueberries, currants, gooseberries and cranberries.
1st year, 1st term—2 lecs. per week.
- (b) **Plant Propagation:** Discussion of sexual and asexual methods of plant propagation and practice in seeding, layering, division grafting, making cuttings, use of hot beds and cold frames, etc.
1st year, both terms—1 lab. per week.
- (c) **Orcharding:** This is a lecture course in which are discussed the various practices carried out in orchard operation. The reasons and basis for these practices are discussed as fully as time permits.
1st year, 2nd term—2 lecs. per week.
- (d) **Entomology:** An elementary course stressing structure, growth, reproduction, distribution and other factors involved in a study of economic entomology. The relation between structure, function and control is emphasized.
1st year, 1st term—1 lec. and 1 lab. per week.
- (e) **Botany:** The structure and growth of root, stem, leaf, flower and seed are studied with elementary microscope work. Functions of the various plant organs are studied. Classification of the plant kingdom is outlined and the students work with the identification of weeds, weed seeds, trees and shrubs found in the Maritime Provinces.
1st year, both terms—1 lab. per week.
- (f) **Apiculture:** A complete course is given in modern beekeeping with particular reference to care and management of bees on the average farm. This work consists, in the main, of such topics as spring management, securing and installing package bees, methods of swarm control, honey production and prep-

aration for market, disease control and the preparation of colonies for winter.

1st year, 2nd term—2 lecs. per week.

- (g) **Vegetable Culture:** This course is designed to familiarize the student with the importance of vegetable crop production in Canada and in this Province, to give the basis for the various types of production, to outline the culture program adapted to the various vegetable crops, and, through laboratory work, to show at first hand varieties and types in the crops grown in this Province.
2nd year, 1st term—2 lecs. and 1 lab. per week.
- (h) **Landscaping:** Lectures dealing with rural beautification as a basis for having more attractive and conveniently planned farmsteads and other community areas. Laboratory work consists of survey methods of the previously mentioned areas as well as drafting of landscape plans.
2nd year, 2nd term—2 lecs. and 1 lab. per week.
- (i) **Entomology:** This course deals with the economic aspects of entomology with special reference to the Maritime Provinces. Considerable emphasis is placed on both chemical and biological control. Students study and learn to recognize many common agricultural pests through the laboratory portion of the course.
2nd year, 2nd term—1 lec. and 1 lab. per week.
- (j) **Weed Control:** Including cultural and chemical methods of control. Weeds are considered as associated with agricultural crops and attention is given to spray equipment, its construction and operation.
2nd year, 1st term—1 lec. and 1 lab. per week.
- (k) **Plant Diseases:** A study of the common diseases of crop plants and their distribution in the Maritimes. Special attention is given to rusts, smuts, diseases of fruits, potatoes and other vegetables. Newer fungicides and their application are studied.
2nd year, 2nd term—1 lec. and 1 lab. per week.
- (l) **Forestry:** A practical course in farm woodlot management and conservation. Field trips are arranged when feasible.
2nd year, 1st term—2 labs. per week.

Degree Course

The Nova Scotia Agricultural College offers the first two years of a course leading to a degree in Agriculture. Since most of the graduates of this institution elect to take their third and fourth years at Macdonald College (McGill University) or the Ontario Agricultural College (University of Toronto), the course of studies is so adjusted as to make possible entrance into the third year of those institutions.

Graduates with high standing are considered for admission to the second year of the Ontario Veterinary College. A student who enters the Nova Scotia Agricultural College with the intention of preparing for the Ontario Veterinary College is advised to take the full program of the year in which he is registered.

Students who intend to take their third and fourth years at the Ontario Agricultural College should obtain Nova Scotia Grade XII standing, or its equivalent, in English, Algebra, Trigonometry, Chemistry, Physics, a foreign language and one other subject.

THE COLLEGE DIPLOMA

Students who complete the prescribed number of courses with no mark below 50 per cent of the maximum mark obtainable and who are in good standing will be awarded a diploma. The diploma confers upon recipients the status of, "Associate of the Nova Scotia Agricultural College with all the rights and privileges pertaining thereto".

A high honours diploma will be awarded to a student who has made an average of at least eighty per cent and an honours diploma to a student who has made an average of at least seventy-five per cent.

ENTRANCE REQUIREMENTS

All candidates for admission must:

- (a) be sixteen years of age, on or before the opening day of the College year;
- (b) be of good moral character;
- (c) present a satisfactory medical certificate dated no more than 30 days previous to registration;
- (d) present a certificate of junior matriculation standard
(Nova Scotia—Grade XI,
New Brunswick—Grade XII,
Prince Edward Island—Grade XII or second year Prince
of Wales College,
Newfoundland—Grade XI)

with no mark of less than 50 percent of the maximum mark obtainable and an average of at least 60 per cent in:

- (a) English (two papers), Algebra and Geometry;
- (b) two of Chemistry, Physics or Biology;
- (c) two of History, Economics or a foreign language.

Where possible, the student should elect Physics and Chemistry. Applicants should understand that possession of the minimum entrance qualifications will not necessarily guarantee admission.

Farm experience is desirable for all applicants and is a requirement for some third and fourth year options.

Advanced standing in any subject may, at the discretion of the Faculty, be granted for work of equivalent standard in another institution, provided that a mark of not less than 60 per cent has been attained.

In view of the fact that a student's whole course frequently is ruined by weakness in Algebra, a refresher course in this subject will be offered for two weeks before the date of the College opening and applicants with less than 60 percent in junior matriculation will be required to attend. In borderline cases, or instances in which circumstances make this requirement impossible of fulfillment, the final decision as to eligibility for entrance shall rest with the Standards Committee of the Faculty.

EXPENSES

The following payments are to be made at time of registration and are payable strictly in advance:

	Residents of:	
	Canada	United States and Foreign
Tuition (per College year).....	Free	\$50.00
Library.....	\$ 1.00	\$ 1.00
Students' Council.....	\$25.00	\$25.00
Medical Services.....	\$ 6.00	\$ 6.00
Caution Deposit**	\$ 5.00	\$ 5.00
Laboratory Fee*.....	\$ 1.00	\$ 1.00

***Note:** Laboratory fee for second year students is \$2.00.

The cost of books for a degree course is approximately \$50.

****Note:** The caution deposit for residents of Trueman House is \$10.

Provided that no adjustment in the rate proves necessary before registration day, board and lodging payments will be made as indicated below:

296
 100 +
 creation

September 18.....	\$65.
October 23.....	\$65.
November 27.....	\$43.
January 3.....	\$65.
February 6.....	\$90.
March 25.....	\$68.

A
316

Students who have been awarded scholarships, loans, bursaries, etc. are expected to make the regular payments on registration day and are requested not to ask for a postponement of payment until the promised funds are available.

FIRST YEAR DEGREE

SYLLABUS

Required	First Term per week		Second Term per week		Credits
	Lec.	Lab.	Lec.	Lab.	
Botany	2	2	2	2	8
Chemistry (General)	3	2	3	2	10
English	3		3		6
Mathematics	3		3		6
Physics	3	1	3	1	8
Agronomy	2	1	2		5
Animal Husbandry	2	1	2	1	6
Horticulture	2	1	2		5
Agricultural Engineering		1	2		3
TOTAL					57

SECOND YEAR DEGREE

SYLLABUS

Required	First Term per week		Second Term per week		Credits
	Lec.	Lab.	Lec.	Lab.	
Chemistry (Organic)	3	2	3	2	10
Economics	3				3
English	3		3		6
Mathematics	3		3		6
Physics	3	1	3	1	8
Zoology	2	2	2	2	8
Poultry	2	1			3

Farm Management			1	1	2
Electives to be chosen from the list below,					
Minimum					6
Maximum					9
					<hr/>
TOTAL					52 (55)

Electives

Agricultural Engineering			2	1	3
Animal Husbandry	2	1			3
Apiculture			2		2
Bacteriology			2		2
Botany (Economic)	1	1			2
Dairying			1		1
Radio Farm Forum		1		1	2
Entomology (Economic)	1	1			2
Horticulture	2		2		4
Co-operation			2		2
Veterinary Science			1		1
Genetics			3		3
Geology-Soils	1		1		2

NOTE:

One lecture period (45 minutes) per week for one term is rated as one credit. One laboratory period (90 minutes) per week for one term is rated as one credit.

A second year student may attend lectures in an elective course for the first four weeks without being obligated to complete the course. If he attends after the end of the first four weeks, the subject becomes part of his required course and he must pass the examination in that subject in order to qualify for a diploma. If, at the end of the first four weeks, a student decides to drop an elective course, he must notify the Registrar and the Instructor immediately.

SUPPLEMENTAL EXAMINATIONS

Students who have supplemental examinations to write must write at the first opportunity provided following the examinations in which the failures were made.

Students with first year supplemental examinations to write will write in September, just before the beginning of the first term. Should a second first year supplemental examination in any subject be necessary, it will be written within four months of the time of the writing of the first one.

Students with second year, first term supplemental examinations to write will write within thirty days of the posting of the last examination result of the first term examinations. Should a second first term supplemental examination in any subject be necessary, it will be written on the third Monday in June.

Students with second year, second term supplemental examinations to write will write on the third Monday in June or on a date to be set by the Instructor concerned within four months of the writing of the examination in which the failure was made.

No student will be allowed to write more than two supplemental examinations in any subject (the work of one term in any subject) unless special permission is granted by the faculty.

The fee for the first supplemental examination will be \$5.00. Should a second examination be necessary, the fee will be \$10.00. No supplemental examination is to be written until the required fee has been paid.

Description of Courses

The following courses are arranged for the 1962-63 College year. The Faculty reserves the right to make any revisions or additions which may be necessary.

AGRICULTURAL ENGINEERING

- (a) 1st year, 1st term—
Elementary Plan Drawing: Use of drawing instruments; elementary drawing problems.
—1 lab. per week.
- (b) 1st year, 2nd term—
Elementary Building Construction: Planning and re-modelling farm buildings.
—2 lecs. per week.
- (c) 2nd year, 2nd term—
Farm Power and Farm Machinery: Principles, adjustment, operation and maintenance of gasoline engines and farm machinery.
—2 lecs. and 1 lab. per week.

AGRONOMY

- Field Crops:** History; importance; adaptation; fertilization; rotation; study of individual crops grown in the Maritimes.
1st year, 1st term—2 lecs. and 1 lab. per week.
2nd term—2 lecs. per week.

ANIMAL HUSBANDRY

- 1st year, 1st term—2 lecs. and 1 lab. per week.
1st year, 2nd term—2 lecs. and 1 lab. per week.
- (a) **Live Stock—Breeds and Management:** A study of the origin, type and breed characteristics, breeding policies and practices and the care and handling of all classes of live stock: dairy cattle, sheep, swine and horses.
 - (b) **Selection and Judging:** Appraising performance records and placings with reasons (both written and oral). Selection and judging of live stock includes trips to herds of prominent live stock breeders for appraisal of breeding and market classes of cattle, sheep, swine and horses.
2nd year, 1st term—2 lecs. and 1 lab. per week.

Feeds and Feeding: A study of roughages, succulents, concentrates, minerals, vitamins, etc. and the compounding of rations, value and suitability of different feeds and mixtures for the various classes of live stock.

APICULTURE

A course in modern beekeeping methods is given, consisting of a study of the life cycle and habits of the bee, methods of securing and handling bees, location of the apiary, swarming and swarm control, re-queening, the installation of package bees, increase other than by swarming, honey production and preparation for market, wintering bees and practical features of preparing equipment such as assembling hives, wiring frames, etc.

2nd year, 2nd term—2 lecs. per week.

BACTERIOLOGY

An introductory course which aims to acquaint the student with the morphology, physiology and methods of reproduction of molds, yeasts and bacteria, the relationship of each to agriculture as well as to disease.

2nd year, 2nd term—2 lecs. per week.

BOTANY

(a) **Introductory Botany:** The first part covers the structure and physiology of the flowering plant. The seed, root, stem, leaf, flowers and fruit, along with the functions of each of these parts, are studied in detail. An introduction to heredity and genetics is given.

1st year, 1st term—2 lecs. and 2 labs. per week.

(b) **Introductory Botany:** The second part covers the classification of the plant kingdom, using representative plants of the algae, fungi, mosses, ferns and seed plants for laboratory study.

1st year, 2nd term—2 lecs. and 2 labs. per week.

(c) **Economic Botany:** A study of the identification and classification of the common plants, weeds and trees. A study of the classification of plant communities and successions. Characteristics of bad weeds, weed distribution and chemical weed control are taken up as they apply to Maritime conditions.

2nd year, 1st term—1 lec. and 1 lab. per week.

CHEMISTRY

- (a) **Elementary Chemistry:** A lecture and laboratory course which includes a study of the structure of atoms and the relationship of the periodic table to these structures as well as a study of properties and reactions of the more important elements and compounds. Particular attention is paid to fundamental concepts, theories and laws regarding structure, valence, states of matter, ionization and oxidation-reduction. Weight relationships and practical problems are included in first term work.

1st year, 1st term—3 lecs. and 2 labs. per week.

During the second term, the above principles and their applications are studied more intensely. The gas laws, properties of solutions, solubility product and precipitation are important phases of second term work. An introduction to Qualitative Analysis and Organic Chemistry as prepared for future study is included.

1st year, 2nd term—3 lecs. and 2 labs. per week.

Geology and Soils: A course to (a) familiarize students with the geology of Nova Scotia, with emphasis on the study of economic and soil-forming minerals, and (b) study the characteristics, properties and classification of soils, with special reference to Maritime conditions.

2nd year, both terms—1 lec. per week.

- (c) **Organic and Biochemistry:** Preparation and study of the classes of organic substances. Formation of and changes in organic matter in plant and animal life.

2nd year, 1st term—3 lecs. and 2 labs. per week.

2nd term—3 lecs. and 2 labs. per week.

DAIRYING

A general course consisting of lectures and practical work. Lectures dealing with the development and importance of the dairy industry in Nova Scotia; the composition of milk and factors affecting its composition; the care of milk and cream on the farm and factors affecting their quality; cow testing as carried on under the R.O.P. and D.H.I. Associations; elementary calculations dealing with milk and milk products and regulations.

Laboratory work consisting of the testing of milk, cream and skimmed milk by the Babcock method. Separators and tests for the quality of milk and cream.

2nd year, 2nd term—1 lec. per week.

ECONOMICS

- (a) **Cooperation:** A course in Cooperation covering principles, history, and marketing, and producers', consumers', and credit cooperatives. Instruction will include lectures by men engaged in cooperative activities in the Maritimes.
2nd year, 2nd term—2 lecs. per week.
- (b) **Principles of Economics:** A study of the elementary principles of Economics in the effort to present a picture of the main factors influencing our economic organization.
2nd year, 1st term—3 lecs. per week.

ENGLISH

- (a) Assigned readings in the drama, the essay and the novel. Remedial exercises, outlining and theme writing.
1st year, both terms—3 lecs. per week.
- (b) Assigned readings in poetry, the short story and the novel. Outlines of Canadian Literature. Term papers.
2nd year, 1st term—2 lecs. per week.
2nd year, 2nd term—3 lecs. per week.
- (c) **Public Speaking:** Practice in public speaking and the conduct of a public meeting. Attendance and participation of all first and second year students are required.
1st year, both terms—1 lec. per week.
2nd year, 1st term—1 lec. per week.

ENTOMOLOGY

Economic Entomology—A fundamental course in the study of insects, designed to meet the needs of students who intend to practice farming in the Maritime Provinces. The course deals with structure, growth, distribution and reproduction of insects—life histories and control of the more important soil, field crop, fruit, and household insects and insects affecting livestock, etc. In addition the principles of natural control, applied control and spray calendars, etc., are discussed. A collection of 50 adult insects is required of all students taking this course.

2nd year, 1st term—1 lec. and 1 lab. per week.

FARM MANAGEMENT

An introductory course on some of the more important aspects of Farm Management. Factors affecting profits; business forms; methods of doing research and extension work in the field.

2nd year, 2nd term—1 lec. and 1 lab. per week.

GENETICS

An introductory course dealing with the modern concept of inheritance, applicable to both plants and animals, including reference to human inheritance.

2nd year, 2nd term—3 lectures per week.

HORTICULTURE

- (a) **Vegetable Culture:** This course is designed to familiarize the student with the importance of vegetable crop production in Canada and in this province, to give the basis for the various types of production, to outline the culture program adapted to the various vegetable crops, and, through laboratory work, to show at first hand varieties and types in the crops grown in this Province.

1st year, 1st term—2 lecs. and 1 lab. per week.

- (b) **Plant Propagation:** Discussion of sexual and asexual methods of plant propagation and practice in seeding, layering, division grafting, making cuttings, use of hot beds and cold frames, etc.

1st year, 2nd term—2 lecs. per week.

- (c) **Small Fruits Culture:** This course is designed to take up the various practices involved in the culture of the different fruits making up the group usually considered under this classification. Under our conditions, this includes strawberries, blackberries, raspberries, high bush blueberries, low bush blueberries, currants, gooseberries and cranberries.

2nd year, 1st term—2 lecs. per week.

- (d) **Orcharding:** This is a lecture course in which are discussed the various practices carried out in orchard operation. The reasons and bases for these practices are discussed as fully as time permits.

2nd year, 2nd term—2 lecs. per week.

MATHEMATICS

- (a) **1st Year Mathematics:** An introduction to functions and their graphical representation, solution of equations; logarithms; trigonometric ratios and analysis; sequence and limit; binomial series; compound interest; permutation, combinations and probability.
1st year, both terms—3 lecs. per week.
- (b) **2nd Year Mathematics:** Analytical geometry, differential and integral calculus.
2nd year, both terms—3 lecs. per week.

PHYSICS

- (a) An introductory course covering mechanics, heat, light, sound, electricity and magnetism at the first year college level. Fundamental principles are taught through demonstrations and numerical examples.
1st year, both terms—3 lecs. and 1 lab. per week.
- (b) A continuation course which covers the same ground as in (a), but with more intensive treatment. Certain topics will receive special emphasis and additional phases of the subject will be considered.
2nd year, both terms—3 lecs. and 1 lab. per week.

POULTRY

This course will include a general introduction to the fundamental principles of poultry husbandry as well as an advanced study of the practical phases of the industry. Lectures and laboratory periods will include: the history of the industry; culling and selection; anatomy; diseases; nutrition; brooding and rearing; flock management; incubation; turkey raising; egg and poultry marketing; judging; debeaking and caponizing.

2nd year, 1st term—2 lecs. and 1 lab. per week.

VETERINARY SCIENCE

A study of body structures and their functions; disease prevention and animal nursing.

2nd year, 2nd term—1 lec. per week.

ZOOLOGY

An introductory course in general zoology, covering the anatomy, histology, physiology and reproduction of animals. Representatives of the more important phyla of the animal kingdom are studied in the laboratory.

2nd year, both terms—2 lecs. and 2 labs. per week.

PRIZES

GOVERNOR-GENERAL'S MEDAL

A silver Medal was first offered for annual competition by His Excellency the Governor-General of Canada in 1914. It is awarded each year by the members of the faculty to the student of the graduating class who has attained the highest standing during the two years of his college course. In determining "highest standing", scholarship and leadership in student activities, in the order named, are the deciding factors in making this award.

NOVA SCOTIA DEPARTMENT OF AGRICULTURE AND MARKETING PRIZES

The Nova Scotia Department of Agriculture and Marketing offers prizes in the Second Year Degree and in the Second Year Diploma Class for work in the National Radio Farm Forum project.

Prizes will be given as follows:

First, \$5.00; Second, \$3.00; Third, \$2.00; Fourth, \$1.00.

NEW BRUNSWICK DEPARTMENT OF AGRICULTURE PRIZES

The New Brunswick Department of Agriculture offers \$50 for prizes for students from that province who do the best work during the first year in any two-year course. The prizes will be awarded on the closing day at the end of the second year. The \$50.00 will be divided into three prizes of \$25.00, \$15.00, and \$10.00.

PRINCE EDWARD ISLAND DEPARTMENT OF AGRICULTURE PRIZES

The Prince Edward Island Department of Agriculture offers \$50 for prizes for students from that province who do the best work during the first year in any two-year course, and continue the course for the second year. These prizes will be awarded on closing day at the end of the second year. The \$50 will be divided into three prizes of \$25, \$15, and \$10 each.

THE MARITIME BEEKEEPERS' ASSOCIATION PRIZES

The Maritime Beekeepers' Association offers a prize of \$10 to the student of the Senior Degree Class who turns in the best paper on Api-

culture at the final examination. Other prizes may be awarded for general excellence in Apiculture.

PIONEER - CAFETERIA FEEDS LTD. PRIZE

Pioneer-Cafeteria Feeds Ltd. has provided a prize of \$25 to be awarded to the Second Year Diploma Class student who attains the highest standing in feeds and feeding, (Poultry and Animal Husbandry), over the two years.

THE SEED JUDGING TROPHY

A group of Prince Edward Island farmers who attended the short course at the N.S.A.C. in 1911 donated a handsome silver trophy "for competition in seed judging by regular students." Names of the winners have been engraved thereon each succeeding year.

DEBATING TROPHY

The Nova Scotia Department of Agriculture has provided a cup for annual competition in inter-class debating.

MURRAY - ARCHIBALD TROPHY

This trophy was originally presented by the late Hon. George H. Murray, for many years Premier of Nova Scotia, to John Geddie Archibald, class of 1913. Mr. Archibald, now Research Professor of Animal Husbandry, University of Massachusetts, returned it to the Nova Scotia Agricultural College in 1953 as a perpetual challenge trophy for excellence in Livestock Judging.

SCHOLARSHIPS

CONTINUATION SCHOLARSHIPS

MACDONALD COLLEGE SCHOLARSHIP

Macdonald College offers a scholarship of \$600 to the student of the Nova Scotia Agricultural College who obtains the highest standing in the work of the second year of the Degree Course in that College, and who subsequently registers in the third year at Macdonald College. The scholarship will be paid in two instalments: half at the beginning of the third year, half at the beginning of the fourth year.

NEW BRUNSWICK DEPARTMENT OF AGRICULTURE SCHOLARSHIP

The New Brunswick Department of Agriculture offers to pay one year's tuition fee for the New Brunswick student who obtains the highest standing in the work of the second year of the Degree Course at the Nova Scotia Agricultural College, and who subsequently registers at any Agricultural or Veterinary degree conferring college in Canada.

CANADA PACKERS LIMITED SCHOLARSHIP

Canada Packers Limited offers a scholarship of \$250 to a worthy student who has satisfactorily completed the two year Degree Course at the Nova Scotia Agricultural College and who elects to continue in an Animal Husbandry, Poultry or General Agriculture option at some Canadian Agricultural College. Application for this scholarship must be made to the Registrar before April 15 of the applicant's last year at the Nova Scotia Agricultural College.

In making the above award, financial need will be taken into consideration.

KETCHUM MANUFACTURING COMPANY LIMITED SCHOLARSHIP

The Ketchum Manufacturing Company Limited has provided a \$1,000 Dominion of Canada Bond, the interest on which is to be used for an annual scholarship available to a Nova Scotia Agricultural College graduate registered in the third year of an Animal Husbandry option. The scholarship will be awarded to a worthy student with a satisfactory academic standing. Application for this scholarship must be made to the Registrar before April 15 of the applicant's last year at the Nova Scotia Agricultural College.

IRA L. RHODENIZER MEMORIAL SCHOLARSHIP

The Nova Scotia Federation of Agriculture offers, as a memorial to the late Ira L. Rhodenizer, long time friend of organized agriculture and the 4-H movement, a scholarship of \$150 to a student in the Second Year Diploma Class or the Second Year Degree Class. The recipient must be a Nova Scotian of high academic standing who has taken an active part in student affairs and has been active in the 4-H movement. The scholarship will be payable after the winner has registered for his second year. No application is necessary.

ENTRANCE SCHOLARSHIPS

NOVA SCOTIA INSTITUTE OF AGROLOGISTS SCHOLARSHIP

The Nova Scotia Institute of Agrologists has provided a scholarship of \$250 for a resident of Nova Scotia entering the first year of the Degree Course at the Nova Scotia Agricultural College. In awarding this scholarship, the selection committee will take into consideration academic standing and financial need. Applicants should write to the Registrar, Nova Scotia Institute of Agrologists, N.S.A.C., Truro, N. S., for an application form, which will be available by July 1. The application and the applicant's Grade XI and Grade XII (if the applicant has one) certificates should be in the Registrar's office not later than September 1.

CANADA PACKERS LIMITED SCHOLARSHIP

Canada Packers Limited offers a scholarship of \$250 to assist a student in entering or continuing in the Degree Course at the Nova Scotia Agricultural College. Candidates for this scholarship should have a good academic record and should have taken an active interest in community agricultural activity. Application for this scholarship must be made to the Registrar before September 1.

In making the above award, financial need will be taken into consideration.

CANADIAN NATIONAL EXHIBITION SCHOLARSHIP FOR 4-H CLUB MEMBERS

The Canadian National Exhibition will award annually, in each province, a scholarship of the value of \$600 and an all expense trip to the Canadian National Exhibition to a candidate wishing to enter a degree course in Home Economics, a degree course in Agriculture, a degree course in Veterinary Medicine, or a diploma course in Agriculture.

Candidates must be at least 17 years of age, have completed at least two years in 4-H Club work, and have shown qualities of leadership and an interest in community activities.

The successful candidate will receive his or her award at a fitting ceremony at the Canadian National Exhibition in the year in which it is won.

A successful candidate may have five years in which to take up his or her scholarship.

Application forms may be obtained from the Agricultural Representatives.

DIPLOMA COURSE SCHOLARSHIPS

Details of the Nova Scotia Federation of Agriculture and Maritime Co-operative Services scholarships may be found in the Diploma Course section of the calendar.

Short Courses

Special announcements will be made for short courses as they are arranged.

For further information write to:

The Registrar,
Nova Scotia Agricultural College,
Truro, N. S.

THE COLLEGE WINTER FAIR

During each College year, about the middle of the Second Term, the students put on a College Winter Fair, or College Royal, as it is frequently called. The show is a competition in fitting and showmanship rather than a contest among the horses, cattle, sheep, swine and poultry used in the exhibition.

In addition to livestock classes, the show also features competition in grain and root classes and a series of educational demonstration booths.

The program and show are all organized and handled by students who hold the various offices necessary for the satisfactory operation of an exhibition.

Enrollment 1961-1962

SECOND YEAR DEGREE

Armstrong, D. R.	Apohaqui, Kings County, N. B.
Ashley, L. D.	Elmsdale, Hants County, N. S.
AuCoin, K. H.	Tompkins, Newfoundland.
Bauchman, D. R.	Falmouth, Hants County, N. S.
Beaton, D. C.	32 Currie Street, Glace Bay, N. S.
Burgess, G. K.	75 Duffus Street, Halifax, N. S.
Campbell, D. H.	581 Waterloo Row, Fredericton, N. B.
Chisholm, J. A.	Box 261, Antigonish, Nova Scotia.
Colpitts, D. C.	Salisbury, R.R. #1, New Brunswick.
Davidson, W. E.	132 London Street, Halifax, N. S.
Ells, L. E.	Upper Canard, Kings County, N. S.
Estabrooks, E. N.	11 Erncliffe Street, Amherst, N. S.
Greene, R. A.	Centreville, New Brunswick
Grimmett, R. A.	Shinimicas Bridge Post Office, N. S.
Hynes, J. E.	Summerville, Kings County, P. E. I.
Littleton, G. B.	Lawrencetown, Nova Scotia.
Mason, H. F.	Springfield, Anna. County, N. S.
Massey, J. G.	55 Upper Prince Street, Charlottetown, P. E. I.
Miller, S. J.	R. R. #1, Bathurst, New Brunswick.
Mintis, H. S.	Cambridge Station, Kings County, N. S.
Murray, R. W.	R.R. #3, Salisbury, New Brunswick.
MacAulay, J. D.	R.R. #2, Truro, Nova Scotia.
MacDonald, H. Wm.	Marion Bridge, Cape Breton, N. S.
MacDonald, D. Wm.	1395 Prince Street, Truro, N. S.
MacLeod, W. M.	R. R. #1, South Bar, Cape Breton, N. S.
Nicholson, M. R.	West Middle River, R.R. #3, Baddeck, Nova Scotia.
Parker, W. F.	Church Street, Port Williams, N. S.
Perry, Robert W.	Chebogue, R.R. #2, Yarmouth, N. S.
Petrie, D. R.	31 Prospect Avenue, Kentville, N. S.
Reid, J. W.	Noel, R.R. #1, Hants County, N. S.
Ryan, B. E. (Miss)	91½ Larch Street, Halifax, N. S.
Sceviour, W. W.	Browns Arm, Lewisporte, Nfld.
Scott, R. J.	131 Church Street, Box 616, Liverpool, N. S.
Sherwood, W. H.	Norton, R.R. #1, New Brunswick.
Sproull, B. J. (Miss)	43 George Street, New Glasgow, N. S.
Stephens, R. G.	R.R. #2, Aylmer, Ontario.

Sutherland, D. R.	46 Crescent Drive, Truro, N. S.
Trail, C. T.	R.R. #6, Fredericton, N. B.
Van de Sande, M. A.	Sylvan Valley, R.R. #2, Antigonish Co., Nova Scotia.
Whalen, W. I.	Box 399, Sussex, New Brunswick.
Whitaker, R. S.	7 Elm Place, St. John's, Newfoundland.

FIRST YEAR DEGREE

Allen, D. A.	Baie Verte, New Brunswick.
Best, L. G.	Port Williams, Nova Scotia.
Brown, J. W.	128 Spring Street, Amherst, N. S.
Buis, B. A.	R.R. #1, Kingsmill, Ontario.
Byers, D. L.	29 Burnyeat Street, Truro, N. S.
Campbell, R. B.	Arthurette, New Brunswick.
Carrillo, L. G.	Ave: Bolognesi #660, Barranco, Lima, Peru.
Chabassol, J. K.	Main Street, Westville, N. S.
Cochran, R. C.	Sweet's Corner, Hants County, N. S.
Coggins, G.	2 Lakeview Avenue, Dartmouth, N. S.
Coombes, D. E.	Falmouth, R.R. #2, Hants Co., N. S.
Crone, D. T.	Mount Albert, R.R. #3, Ontario.
Daniels, R. W.	Windsor, R.R. #1, Hants Co. N. S.
Davis, H. E. (Miss)	Ellershouse, R.R. #1, Hants Co., N. S.
DeWitt, H. B.	Canning, R.R. #1, Kings County, N. S.
Dickinson, D. E.	West Brook, Cumberland County, N. S.
Douglas, M. A.	3 Queen Street, Truro, Nova Scotia.
Ednie, A. B.	R.R. #2, Franklin Centre, P.Q.
Finley, G. G.	44 Longwood Drive, Truro, N. S.
Freeman, W. G.	South Brookfield, R.R. #1, Queens Co., Nova Scotia.
Giles, E. G., Jr.	37 Hampstead Court, Truro, N. S.
Gillis, N. A.	Gillisdale, Inverness County, N. S.
Gilroy, M. E. (Miss)	R.R. #1, Springhill, Nova Scotia.
Glencross, A. A.	Little Shemogue, New Brunswick.
Griswoold, A. G.	Box 543, 90 East Main St., Wolfville, N.S.
Harrison, J. R.	Tilt Cove, Green Bay, Newfoundland.
Harrison, S. G.	R.R. #1, Stellarton, Nova Scotia.
Higgins, J. K.	R.R. #2, Middle Musquodoboit, N. S.
Hughes, W. A.	Petitcodiac, New Brunswick.
Hulan, H. W.	Jeffrey's, Newfoundland.
Huston, Frank	R.R. #2, Wolfville, Nova Scotia.
Jay, M. L.	Box 684, Pictou, Nova Scotia.

Johns-Churchill, T.	668 Westchester Drive, Baie D'urfé, P.Q.
Johnson, H. F.	1080 Prince Street, Truro, N. S.
Joyeau, C. J.	582 Spadina Avenue, Toronto 4, Ontario.
Kittilsen, R. F.	14 Slayter Street, Dartmouth, N. S.
Lewis, G. T.	Salisbury, R.R. #2, New Brunswick.
Miller, A. K.	R.R. #1, Box 160, Gaspe, P.Q.
Moore, G. S.	27 Kaye Street, Halifax, Nova Scotia.
Murray, B. P.	Portugal Cove, Newfoundland.
MacConnell, G. Wm.	Meadowville Station, Pictou Co., N. S.
MacDonald, W. G.	Strickland Avenue, Trenton, N. S.
MacDowell, R. J.	55 Beech Street, Sydney Mines, N. S.
McEwen, A. W.	Ormstown, P. Q.
MacInnis, D. J.	30 Wellington St., Corner Brook, Nfld.
MacIntosh, C. A.	Milford Station, Hants County, N. S.
MacKay, A. L.	Peel, R.R. #1, New Brunswick.
MacLellan, D. S.	R. R. #3, Sydney, N. S.
MacMillan, D. R.	Upper South River, Antigonish Co., N. S.
MacNutt, G. Wm.	Earltown, Colchester County, N. S.
Newcombe, T. T.	Centreville, R. R. #1, Kings Co. N. S.
Pickett, A. B.	Andover, New Brunswick.
Pickett, J. A.	Andover, New Brunswick.
Powell, G. D.	Bay Roberts, Newfoundland.
Robinson, M. M. (Miss)	Harvey Station, New Brunswick.
Roop, G. K.	283 Park Street, Kentville, N. S.
Smith, R. G.	Hunts Point, Queens County, N. S.
Saunders, B. P.	Shelburne, Ontario.
Stephens, J. B.	R.R. #2, Aylmer, Ontario.
Stevens, P. L.	21 George Street, Truro, N. S.
Stevenson, D. J.	Denmark, R.R. #2, Colchester Co., N. S.
Stewart, W. D.	360 Desaulniers Blvd., St. Lambert, P.Q.
Stonehouse, J. M.	64 Vimy Road, Truro, N. S.
Stuart, V. M.	Albert, R.R. #2, New Brunswick.
Tait, J. C.	40 Roosevelt Avenue, Truro, N. S.
Thomson, K. S.	12 Riverside Avenue, Truro, N. S.
Tuttle, P. D.	Pugwash, R.R. #3, N. S.
Upham, C. E.	49 Laurie Street, Truro, N. S.
Williams, A. S.	c/o Box 125, Castries, St. Lucia, W. I.
Wilson, J. M.	Dakeyne Farm, Falmouth, Hants Co., N. S.
Woodburn, I. D.	37 Albert Street, Windsor, N. S.

ADVANCED FARM CLASS

Annear, Morley	Lower Montague, P. E. I.
Balsler, C. A.	R.R. #4, Digby, N. S.

Barteaux, R. M.	R. R. #1, Annapolis Royal, N. S.
Belyea, V. L.	Norton, R.R. #1, Kings County, N. B.
Burns, D. E.	Lower Freetown, P. E. I.
Crowe, H. R.	108 Nelson Street, Sussex, N. B.
Lemmon, A. L.	R.R. #1, Middle Musquodoboit, N. S.
MacKay, H. M.	R.R. #4, Middle Musquodoboit, N. S.
Marney, L. C.	Hilden, Colchester County, N. S.
Wheaton, J. I.	Sackville, R.R. #3, New Brunswick.

FIRST YEAR DIPLOMA COURSE

Anderson, J. D.	Sussex, R.R. #2, New Brunswick.
Eishop, E. C.	R.R. #1, Bridgetown, N. S.
Chapman, R. J.	Souris East Little Harbour, P. E. I.
Ells, D. A.	Sheffield Mills, Kings County, N. S.
Ferguson, G. M.	Belmont, Colchester County, N. S.
Graves, A. S.	Morden, Kings County, N. S.
Hicks, D. R.	R. R. No. 2, St. Anthony, N. B.
Higgins, D. W.	Middle Musquodoboit, N. S.
MacPhee, C. W.	R. R. #1, Baddeck, N. S.
MacWha, J. G.	370 Union Blvd., St. Lambert, P.Q.
Oulton, Robert M.	R.R. #1, Windsor, N. S.
Thompson, W. H.	Lawrencetown, Nova Scotia.
Walsh, J. G.	North Grand Pre, Kings County, N. S.
Woodworth, A. W.	Berwick, Kings County, N. S.
Woolaver, A. F.	Canning, R.R. #1, Kings County, N. S.

