

and control of noxious weeds. Extension officials promote either animal industry or plant industry, depending upon the predominating type of farming carried on in the several districts.

### Subsection 3.—Provincial Agricultural Colleges and Schools.

#### AGRICULTURAL COLLEGES.

##### Nova Scotia

*College of Agriculture, Truro.*—The Nova Scotia Agricultural College is equipped to give instruction in all branches of agricultural education. Three types of course are given:—

1. The “general course” is a complete two-year course designed for young men who intend to make practical farming their life work. The associate diploma is awarded to successful candidates.

2. The “degree course” (the first and second years of the four-year degree course) qualifies students for the associate diploma and for admission to the third year at either the Ontario Agricultural College, Guelph, Ont., or Macdonald College, Ste. Anne de Bellevue, Que.

3. Vocational short courses for both men and women are conducted under the Youth Training Program, with twelve to fifteen courses—in as many subjects or projects—each college year, ranging from one week to one month in length.

A live-stock farm of about 300 acres, carrying several popular breeds of cattle, horses, sheep, and swine for teaching and demonstration purposes, and growing several varieties of roots, corn, and cereal crops, for the same reason, is operated in connection with the College. The horticultural department operates a limited area devoted to vegetable and fruit crops, while the poultry department carries three breeds of poultry for educational purposes.

Various divisional officers of the Department of Agriculture, with offices at Truro, are professors heading the respective departments at the College, and also assist in lecture and demonstration work at rural short courses and farmers’ meetings.

The Extension Division of the Department of Agriculture directs extension work through agricultural representatives in the respective counties throughout the Province. Boys’ and girls’ club work is a major activity. Many short courses are conducted throughout the year. A farm-planning project is expanding rapidly. The Director of this Division is Professor of Economics, while the Assistant Director is Instructor in Farm Management.

Promoting the use and encouraging the distribution of ground limestone is directed by the Provincial Chemist and Professor of Chemistry whose other field activities include soil surveys and soil-testing work in all sections of the Province.

The Provincial Entomologist and Professor of Entomology carries on spraying tests, and promotes better spraying through spray circles and orchard-management projects in the fruit-growing section during the summer, as well as promoting insect-control measures in other sections.

The Provincial Botanist and Professor of Botany co-operates in spraying and entomological activities, in addition to the botany and plant disease work.

The Provincial Agronomist and Professor of Agronomy promotes the use of better seed, assists with crop competitions, pasture improvement work, ploughing matches, etc.