

4. *Home Study Courses.*—A number of courses are given by correspondence on such subjects as soils, field crops, animal husbandry, poultry, co-operative marketing and apiculture.

The College farm consists of approximately 300 acres, where several breeds of live stock are kept for teaching and demonstration purposes, and where cereal, forage and root crops are raised and suitable rotations practised. There is a horticultural department where vegetables and fruit crops are developed, and a department of poultry husbandry.

Since the instructors are also connected with the Provincial Department of Agriculture, they are constantly in touch with farm problems and agricultural organizations.

The Extension Division of the Department of Agriculture, whose Director is head of the Economics Department at the College, conducts the extension work of the Province through agricultural representatives located in the various counties. This extension work includes the holding of short courses in various localities, the organization of boys' and girls' club work, the encouragement of the use and distribution of ground limestone, and a variety of other projects related to the farm and farm organizations.

The Provincial Chemist is head of the Chemistry Department at the College and has supervision over soil surveys and soil testing, general problems in soils and fertilizers, and the testing of soil water and feed samples.

The Provincial Entomologist, head of the Zoology and Entomology Departments at the College, has charge of various phases of extension work through spray circles for promoting orchard management and insect control.

The Provincial Botanist, in charge of the Department of Botany and Bacteriology at the College co-operates in spray-circle activities and conducts a provincial study of the botanical specimens of the Province.

The Provincial Agronomist, head of that department for the College, carries on the promotion of better seed through crop competitions, pasture improvement, etc.

The head of the Agricultural Engineering Division, besides his regular College work, carries on surveys in connection with drainage, ditching with power ditching machinery, laying of tile drains, machinery demonstrations, the use of explosives in ditching and land clearing, and supervises lightning-rod installation.

The Provincial Horticulturist, besides his duties as instructor in horticulture at the College, arranges orchard surveys and encourages improved methods in the growing of all fruits and vegetables.

The Provincial Animal Pathologist, who also instructs in the various phases of veterinary science, carries on certain extension work in the control of animal diseases, including a blood-testing laboratory for poultry and fur-farm extension work.

Beekeeping is promoted throughout the Province by the Provincial Apiarist, who also heads that department at the College.

The Provincial Animal Husbandman, head of the Animal Husbandry Department at the College, carries on the various live-stock policies referring to stallions, and the breeders' policy for cattle, sheep and swine.

The Superintendent of Agricultural Associations and Exhibitions, instructor in farm management at the College, carries on a farm-planning project throughout the Province.