

COURSE OF STUDY, N. S. SCHOOL OF HORTICULTURE.

E. E. FAVILLE, B.S.C.A., *Prof. of Horticulture.*

The full course, as outlined, consists of a two years course, divided into periods of three months each. Certificates to be issued for work done the first year, and diploma granted on the completion of full course of two years. The course as laid down in formation of school is as follows:—

FIRST PERIOD.—(*Three months.*)*Botany.*—(See Note A.)*Physical Geography.*—(See Note B.)*Horticulture.*—(See Note C.)

A.—BOTANY.—Since botany treats of plants existing in nature, and horticulture of their improvement, this science readily becomes the basis of all work in horticulture, and a knowledge of this branch is necessary to the frame-work of the subject, treating of the formation of root, stem, leaf, pollination of flowers, dissemination of seeds, etc.

B.—PHYSICAL GEOGRAPHY.—This study treats of the elevation of land, its adaptability for fruit culture, effect of ocean currents, climate, winds, storms, etc., on vegetation; causes of rain, snow, dew, etc.

C.—HORTICULTURE.—Lectures on fruit culture, methods of pruning, training, planting; discussion of varieties of plants; preparation and care of seeds during winter; methods of planting; shipping of trees and plants, and treatment of same when received from nursery. Practical work in identifying varieties of trees and fruit, with practical classification. Work in winter care of fruit trees and small fruit, covering the work of mulching, cutting scions, and treatment of them in root cellar, noting carefully the difference in care of apple, pear, plum, and cherry scions. Indoor or winter grafting in grafting rooms, etc.

SECOND PERIOD.—(*Three Months.*)*Botany.*—(See Note E.)*Chemistry.*—(See Note F.)*Horticulture.*—(See Note G.)