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others are er annum; The instruction consists of courses of lectures on practical and scientific agriculture, mechanical work of the farm, experiments in the field and veterinary hospital practice. With these subjects are associated chemistry, geology, botany, zoology, mechanics, physics, mensuration, practical engineering, land surveying, book-keeping and architecture. The students composing the classes take careful notes on the topics presented to them, then consult works of reference and prepare themselves for a weekly written examination, by the results of which their standing is in part determined.

The chemical laboratory is thoroughly equipped and the studies directed by a staff of competent teachers who instruct the students in chemical processess, particularly the analyses of substances associated with agriculture.

In the lecture room is a collection of wheat plants, with roots and heads well preserved, showing the results of an experiment by Sir J. B. Lawes, of Rothemsted, on a single variety of wheat cultivated for nineteen successive years in twenty-eight small plots, one of which received no manure, while the others were annually treated with definite quantities of special fertilizers. In this manner, by nineteen repeated applications, the exact effect of every fertilizer was ascertained and a most instructive series of specimens secured, the unmanured examples showing about half the size and weight of those best manured. The relative size and yield of the different samples showed that super-phosphate of lime and ammonia salts produced the best results.

The biological laboratory is well supplied with microscopes and other apparatus.

An excellent botanic garden is an interesting feature; it is well stocked with plants, especially with grasses and other economic species.

A large museum is another valuable aid. It contains a full collection of commercial fertilizers, forage cakes, including those made from hemp, rape, palm, cocca nut, cotton and flax seeds; also a collection of sugars, starches, animal and vegetable oils and mineral phosphates. An interesting feature is a series of wax models representing English root crops and a large number of neatly preserved British grains and cereals. The veterinary display is also large, including a set of papier-maché models for teaching the anatomy of the domestic animals.

The department of physics is well fitted with apparatus for illustrating the subjects of light, heat, electricity, &c. The prominence given to model engines, pumps, water-wheels and other mechanical appliances indicate that the practical relations of this department to agriculture are fully recognized.

The college farm consists of 500 acres of land divided into twenty fields, in which are raised a great variety of crops on an approved system of rotation. In the stock department a specialty is made of Cotswold sheep and Berkshire pigs, and some of