

ISAAC P. ROBERTS, M.AGR.

Professor of Agriculture in the
CORNELL UNIVERSITY.

Mr. Roberts has taught

Three years in the Iowa State Agricultural College.
Nine years in the Cornell University.

Publications.

A Treatise on Agricultural Colleges, *Cyclopaedia of Education*, Kiddle & Schem, 1877.
Development of American Agriculture, *Encyclopaedia Britannica*, 1883.
Regular contributor to the *Rural New Yorker*, *American Agriculturist*, and other periodicals.

Mr. Roberts will give instruction, by correspondence, in the following subjects :

- (1) *Wheat*—Culture, varieties, preparation of the soil, seeding, injurious insects, harvesting, threshing, and marketing.
- (2) *Farm Buildings*—Location, plans, material, construction, repairs and preservation, contracts, liabilities of contractors. Fences and gates—construction and repairs.
- (3) *Farms*—Selection and purchase with regard to markets, agricultural capabilities, roads, improvements, schools, society. Titles, deeds, judgments, and mortgages. Farm Drainage—mapping of drains, material, construction, utility and care. Fields—shape and size.
- (4) *Farm-yard Manures*—Composition, manufacture, preservation, application. Commercial Fertilizers—composition, application. Weeds and their eradication.
- (5) *Corn, oat, barley, and flax* culture, treated the same as under (1).
- (6) *Plows and Plowing*—Farm Implements and Machinery, use, care, and repairs. Sheep Husbandry, treated in detail as below (7).
- (7) *Principles of Stock-breeding*—Law of similarity, of variation as caused by food, habit and climate, atavism, relative influence of male and female, prepotency, sex, in-and-in-breeding; Races and Breeds; Pedigrees. With the above will be given the history, markings, characteristics, adaptation to uses, soil, climate and locality of any one of the leading breeds.
- (8) *The Horse*; treated in detail as above (7). Education, care, driving, stables.
- (9) Buying, breeding, feeding, and management of cattle for butter, cheese, and milk dairies and beef production. Breeding, exhibition, care, and sale of thoroughbreds.
- (10) *Swine*—The breeding of thoroughbreds, history of breeds, markings, characteristics, adaptation to soil, climate, and locality, feeding, general management and care, piggeries.
- (11) *Farm Accounts*—Business customs, rights and privileges; Notes, contracts, and obligations; Employment and direction of laborers.

The fee for four weeks' tuition in any of the above subjects is \$6.35.