

successful. co-operative experiments.

Exp. Persons. Plots.

1886. 1 1 8 33.

1887. 1 27 185

1889. 4 21 76

1899. 6 20 64

1899. 6 20 64

1891. 12 126 662

1892. 12 295 1585

1893. 13 416 2105

Professor Thos. F. Hunt, of Columbus University, Columbus, Ohio, delivered a locture on "The feeding value of stock foods." He said that Canadian eatile and Canadian feeding had always been the object of envy and admiration by American stockmen. In feeding stock animals they must know, first, the animal they are treating, second, the food with which they are treating it, and third, the relation properly existing between the two. In this knowledge lies the secret of successful stock raising. The speaker draw a word-picture of the structure of an animal, and described the characteristics necessary in any animal for the production of good beef. He gave advice as to what it was necessary to feed, and what to avoid, describing the chemical composition of the various kinds of food. Professor Hunt showed that the comparative values of various foods, and tracing the results of their consumption, showing what part of the animal's body was improved or affected by the various kinds of food. Professor Hunt showed that the comparative values of various foods depended on their composition, digestibility, and their palatability. Indeed, the last requisite was very important, as if it were wished to fatten an animal its palate must be tickled, and it induced to eat much more than it naturally would. This was the reason why it was advisable to vary the food as much as possible, and so nurse the appetite of the animal. He pointed out that a well balanced ratio must be maintained between the constituents contained in various foods supplied, so that no one element would preponderate unduly, as by that the cost of the food per pound of increase would be increased.

A lively discussion and questioning followed this address.

Prof. C. C. James, D:puty Minister of Agrioulture, spoke on "The social condition of the farmer: The lack of social en s this morning at the se Ontario Agri-Experimental Union College was the re-t of the Nominating t, Prof. H. H. Dean st year), O. A. College.
Ontario Farmers' Insti-

ntal Union

Friday, Dec. 22.

l Committee—Director, C.A. istants, Pres. Mills, Prof. Jas. Atkinson, R. Harlegation, so as to get experimental work. John Harcourt, St. is brother, he being as profitable farm d sheep raising as

on in mu-ton was manent, and that hang on to the bang of the

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Business methods youngs of business founds of business out the sold by actife and health are ab farmer must not must be temperate, but and pay cash, authirate thrifty we hay only well-at a reasonable care of them.

or an agricul-tempaper. Let tan produce for remunerative uty as a citizen institutions of

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