

1888. 1 40 249
1889. 4 21 76
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
lecture on "The feeding value of stock
foods." He said that Canadian cattle
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
recessery 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 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, dispestibility, 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
that a well balanced ratio must be maintained between the constituents contained
in various foods supplied, so that no one Friday, Dec. 22. s this morning at the le Ontario Agri-Experimental Union college was the re-t of the Nominating that a well balanced ratio must be main-tained 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. O. C. James, Daputy Minister of Agriculture, spoke on "The social condi-tion of the farmer." The lack of social surroundings incidental to farm life was blamed by many as the main cause of the t, Prof. H. H. Dean

ntal Union

year), O. A. College. Ontario Farmers' Instition of the farmer." The lack of social surroundings incidental to farm life was blamed by many as the main cause of the continual influx into the cities of farmbred young man and women. Granted this to be the case, the remedy was to a great extent in the hands of the farmers themselves, and attractions should be provided to counteract the attractions of city life. The encouragement of a tendency to smaller farms would bring the farming community closer together, would tend to raise the farmer in his own eyes, and lend a social dignity to the agricultural cocupation which it hardly now possessed. Next to smaller farms came good roads; then the farmer's home, well lighted, well aired, with no trees on south or east, with a good view; the farmer's table, with fresh water, milk, cheese, butter, meats, vegestables and fraits; then his help, good morals absolutely necessary, and separate houses and married men preferred; his reading and meetings for mental improvement; and finally the farmer himself—was he working allone for crope, or for money, or to be a good citizen; what was was his ideal, and was he working up to and living up to the best ideals. All these points were very clearly and helpfully brought out by the speaker.

Mr. W. W. Huborn spoke of "Fruit Culture in Ontario," pointing out the mistakes generally made both in the choosing of the varieties and in the handling of the young trees in a very practical manure. He advised considerable stirring of the tere did not yield. He urged the cultiva-—Director, C.A. Mills, Prof. nson, R. Har legation, so as to get experimental work. John Harcourt, St. iis brother, he being as profitable farm d sheep raising as

im mutton was impression was punch, and that and on to the most continuous was the Financial but he preferboughts on the tit was read by ... Mulook's abountly. His obdied an intended ret regard farmof chance and not a whole financial largely depend the soil was read by ... It was counted by the submily. His obdied as intended ret regard farmof chance and not a whole financial largely depend the soil must be more than the soil men to the most soil was read to the most successful yet held.

In the evening an open meeting of the whole financial largely depend the soil. The bost maintained, by of real economial starvation while the committee one but starvation where the continuous most soil was readered by the students, assisted by Mins G. Mills, Prof. A. E. Suntileworth, and others. ulock, M.P., was
by the Financial
st," but he prefer
thoughts on the
representation of t

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ry, and it was read by cange to life. Malock's abdises in 14 family. His observations were to he re redd as intended acidly for those who may be regard farming as largely a matter of chance and not a game of charpe, and mail argely a matter of chance and not a game of charpe. The whole financial access of farming mail largely depend upon the productivanes of the soil. The settings of the soil must be maintained. These can be no opportunity of real economy if the industry yield but starvation results, and he did you believe farmers were extrawgant. The first need was underdraining, which should be done with all lands except some proof soundations. He believed underdrained land yielded fully one third more than undrained; two reares extra crop would pay for it. In increasing the means of fertilization intensive and extensive are arming onghi to be aimed as. Only to the lack of farmyard annurs, he upded geen macuring by loughing in fall gree of very green peas, look wheat, ste. He lands for a good coast of baryard to green peas, and that the plugbing in of green peas and that the plugbing in of green peas are allow, not the seed.

I was also ahead of a favored a definite to work profitably it was the winter, gave the stock reiser compelitors in milder green peas, the peature should THE latest and most scientific methods of Growing, Filling, etc., made a specialty. Teeth extracted without pain and artificial teeth inserted at lowest prices and satisfaction guaranteed.

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