

s recently sold by Bentonia Park Farm, Toronto, to the Ontario ge. They were imported in dams and are of exceptionally eeding. Their sire was recently sold for \$7,500.

was a good food, especially if mixed with the sugar beet molasses. EVENING SESSION

Owing to the unavoidable absence of Hon. John Dryden, Dr. Mills took the older of Hon. John Dryden, Dr. Mills took the older of Hon. John Dryden, Dr. Mills took to lead to the older of Hon. John Law Hong and the older of Hong and Hong as male beginning, and gave Prof. Zavitz credit for being the chief factor in causing its growth.

Prof. Day then gave a short address on the progress of the Ontario Agricultural College. He first referred to the development along the property of the development along the property of the property of the development along the property of the proper tion of the management to make junior matriculation standing compulsory before a student may take the course for B. S. A. degree. He then spoke of changes in the staff, but pointed out that the change was more due to addition of new members than dropping out of the old ones.

Then Miss Martha Van Rensselaer, of Cornell University, gave an excellent address on that all important subject: "The Farmirume."

good idea to institute a college of domestic science in which to train young women. There were many ques-

domestic science in which to train young women. There were many questions which every young farmer should ask himself before choosing a life partner, and the farmer's wife need never be apologized for because she is such. The boys and girls who are making their mark in the world. The home should be so elevated that the community will think it the happiest place on earth.

Prof. C. C. James, Deputy Minister of Agriculture, gave an address on Ontario farm statistics, and made an apparently dry subject exceedingly interesting and instructive. He showed how the information was obtained and the importance of it to the control of the

having itsus, about.

Mr. W. J. Spillman, Agrostologist, Department of Agriculture, Washington, D. C., spoke next on "Farm Management." He classed the Experimental Union as the best of its kind on the

continent. The United States farmer wants nothing to do with small plots, but many were now copying our idea. Farmers should not make their work hard. A pound of brains is worth a ton of muscle on any tarm. He must be one who reads, uses executive ability and plans things. The best way to show a farmer what to do is to select some specially successful farmer, and by using his history and methods tell h.m to go and do likewise.

The last speaker, Mr. W. H. Msl-drew, Dean of the McDonald Institute, gave a short closing address on his

gave a short closing address on his favorite subject: "Nature Study," and pointed out that that study based education on common-place experiences, and fitted us to live here and now.

TUESDAY MORNING, DEC. 8TH Prof. Harcourt, of the O. A. C., ex-plained the composition of some of the common insecticides used in killing the common insecticides used in killing the potato beetle. Most of them rely on arsenic in some form to give the poisoning effects. An analysis of the new insecticides shows that they contain a very low percentage of poison than a very low percentage of poison and the power of the poison of the poison of the poison of the addition of lime to the Paris green solution helps to hold the poison on the leaf. Bug lime to the Paris green solution helps to hold the poison on the leaf. Bug Death has proved of value both as insecticide and fungicide. In fact it is as good as Paris green as an insecticide and better than Bordeaux Mixture as a fungicide, according to experiments curing the last two seasons.

Owner to the absence of B. D. Craig.

Owing to the absence of R. D. Craig, the report of co-operative Experiments in Forestry was read by Mr. M. Ross. At last year's meeting it was decided to ask the government to supply a nursery at the O. A. C., in which young trees could be grown with which to re-forest parts of old Ontario. This was not granted, but the government magnaminously offered land in north-active contractions of the contraction of t Owing to the absence of R. D. Craig, later reported in favor of again broach-ing the government with the very im-portant subject.

Prof. Zavitz then dealt with the co-

Prof. Zavitz then dealt with the co-cperative experiments with artificial fertilizers. The results show that good barnyard manure is as good as any, and if that important fertilizer is care-fully protected and our wood ashe kept on the farms we need no artificial mixtures.

The report of experiments on small

fruits was then given by Prof. Hutt If the service was then given by Prof. Hutt. These experiments have been conducted for ten years now, and each year brings a larger number of experimenters. In this way the best varieties of small fruits are distributed over the province, and many who never would have bothered with these luxuries become interested and receive the benefit. In strawested and receive the benefit. In straw-berries, Clyde is the most productive, but Tennessee Prolific is a more popu-lar variety. Van Deman is a good early berry, but not vigorous enough. The Marlboro and Columbian lead the The Mariboro and Columbian lead the Cuthbert in raspberries sent out, but the last is most popular. The Golden Queen is an excellent yellow variety. In black raspberries Palmer holds first place, while in the black or thimble-berries, the Agawam is the general favorite and very hardy.

AFTERNOON SESSION
Some business was dispensed with

AFTERNOON SESSION
Some business was dispensed with before the regular programme was begun. It was decided to bring before the Dominion Government the importance of having certain foods, now sold on the market tor stock, analysed, and its composition marked and guaratteed.

and its composition market ano guar-renteed.
G. H. Clark, B. S. A., Ottawa, then topoke concerning the MacDonald-Robertson Seed Growers' Association and explained that such an organiza-tion was as important as a stock breed-trs' association. The Dominion and Ontario Governments have both en-suranced the use of high grade seeds.

Ontario Governments have both en-couraged the use of high grade seeds. In the discussion which followed, L. H. Newman, B. S. A., pointed out that the careful selection of seed was as essential to good crops as was good cultivation.

GRAINS AND POTATOES
Prof. Zavitz then followed with a
report on results of co-operative experiments with grains and potatoes. In oats, the Siberian gave slightly better yield than the Liberty, but was not so popular. The Alaskan is a very early cots, the Siberian gave slightly better vield than the Liberty, but was not so popular. The Alaskan is a very early oat and suitable for sowing with barley for mixed feed. The Oderbrucker barley was abaded of the Mandcheuri for the first time last year, but the latter again was the best this year. Black Hulless gave better results than White Hulless. The three varieties of spring wheat sent out were, Emmer, Wild Goose, and Red Fife. The yields averaged: Emmer, 45.3 bus.; Wild Goose, and Red Fife. The yields averaged: Emmer of the yields were again with the yields averaged that the yields were the yields of the yields were the yields of the yields with the yields were the yields of the yields with the yields were the strength of the yields with the yields with Subsantal yields y

GRASSES AND CLOVERS
Mr. N. J. Spillman then spoke on
"Grasses and Clovers for hay and for
(Continued on page 908.)