decidedly reduce the fertilizing value of manure, the injurious effect being greater the larger the amount of straw used. The excessive use of straw as litter should therefore be avoided if the most effective manure is desired.

Toronto's Great Exhibition.

Anticipating a large increase in the exhibit of utensils and products in the dairy department this year, the directors of the Toronto Industrial Exhibition have considerably increased the space over former years. The refriger-ator accommodation will also be nearly doubled. In view of this exhibitors need not fear that the articles sent will not be properly displayed. Intending exhibitors of butter and cheese are recommended to read over carefully the conditions set forth in the prize list, especially those having reference to the special prizes. Exhibitors of dairy butter should be careful to use nice packages of the proper size, and those sending ten pound rolls should not send in boxes or baskets large enough to hold three or four times the quantity. Exhibitors of cheese should ship in good, sound boxes large enough to hold the cheese, and see that no nails or tacks are driven into the sides. The superintendent will be glad to give any information to intending exhipitors if requested.

In reference to other departments of the exhibition it is only necessary to state that the indications are that the entries will be fully up to any previous year, while there will be many new and unique features. For one thing, there will be a great many more industries in actual operation, manufacturers having seemingly determined that that is the best way to show their goods. In the way of special attractions a number of engagements have been made of high-class novelties, and as regards inventions and electrical displays the exhibition will be particularly well up to-date. is an instance, it can be mentioned that a New York firm has been arranged with to give an exposition of wireless telegraphy, wireless telephoning and the improved X-Rays. A novelty will be the creation of an artificial water ascent and fall by the explosion of a quantity of gun coiton beneath the waves, sending tons of water high into the air. An exhibition will also be made of saving lives from a wrecked steamer, rockets being fired, life lines strung, and so on. The military spectacle will be of a dual nature, illustrating the battles of Omdurman in Egypt, and Iloito in the Philippines, after which the Anglo Saxon unity movement will be shown by a grand pyrotechnic display on a scale never before attempted on the continent. Of course the customary reduced rates will be given on all lines of travel. All that remains to be said is that entries for live stock, dairy products, ladies' work, fine arts, honey, and all classes of manufactures close on Saturday, Aug. 5th; for grain, field roots and horticultural products on Saturday, August 12th, and for poultry and dogs on Saturday, August 19th.

Agricultural College

The Ontario Agricultural College will reopen on September 26, 1899

Full courses of Lectures, with practical instruction in Agriculture, Live Stock, Dairying, Poulty, Beckeeping, Horticulture, Veterinary Science, Chemistry, Geology, Botany, Entomology, Bacteriology, English, Mathematics, Bookkeeping, and Political Leonomy. Vear shortened to suit farmery sons.

Send for circular, giving terms of admission, course of study, etc.

JAMES MILLS, M.A., President, GUELPH, ONTARIO



