horders of diplomas from the practice a uniformity of colour and taste, school.

First-class butter is placed in boxes

The pupils who follow a complete of a certain colour, and second class in course at our dairy school, should boxes of another colour. work two years in such butter and cheese factories as are under the direction of makers whose abilities are recognized.

Wo can find out who are our best makers by means of competitions in dairy produce, similar to those organized by the Dariel Competitions ized by the Danish Government,
4th. A competition of dairy pro-

ducts, organized after the Danish at least, in one of them, more import methods of making these products. The prizes there given should be diplomas, distributed amongst the butter - and cheese makers and not awarded to the owners of the factories.

VARIOUS PRODUCTS FOR EXPORTATION.

that is to say not too fat; to fatten the of other such institutions in the Propigs when they are young, and to kill vince, them when they do not weigh over 12th two hundred pounds.

This trade should be developed at the same time as that of butter, from which, moreover, it is inseparable, our lecturers should become perfectly Producing milk, butter, and bacon posted on the requirements of the local throughout the year, the farmer would market and on the foreign markets certainly find in the two industries an where we exhibit our wares. It is not assured market for almost all his farm

produce.
6th. The poultry export-trade is susceptible of development; it can be made remunerative to the raisers, proappendix

7th. Our apples are in favouron the English market; but if we wish to encourage the multiplication of our encourage the multiplication of our plants. The agricultural societies orchards and increase the production phould vary their operations and enfort, without overclowding the courage by premiums the most implical market, our norselymen and the proved methods of cultivation and local market, our norselymen and the proved methods of cultivation and local market, our norsetymen and the proved methods of cultivation and owners of orchards should try to those best calculated to augment the produce applies that can be shipped fertility of the soil, as well as the without being bruised, and that will amelioration of cow-houses, piggeries, keep a few wonths after having been yards, the establishment of liquid-picked, these applies should command manure tanks, and the making of attention by their quality and appear

some years been increasing.

UNIFORMITY OF PRODUCTS—REGULA RITY OF SUPPLY.

greatest importance to the uniformity | turity about the same time, thus lear- | that is imperiectly matured, on account of the products put offered sale. We ing only poor food for the caule after of a too low temperature, which often found traders who refused to buy our the first flush is passed. | happens in winter, the equipment of butter and cheese, because they are | 16th. It is conceded that the absence | many of our factories being defective, not of un...orm quality. A provision, of time in the soil is injurious not only should not be offered for sale, merchant said to us: When we buy, to the production of grain, but also, Frozen butter does not see Danish butter, we are certain that, to that of those fodder plants which than that which is not frozen from the first to the last nrkin, it is the cow needs in order to give a milk butter is often too much salted, and good, while often your butter is of suitable for chrese. It seems to be arrives in England when too stale. different qualities. different qualities. Another added:, equally conceded that there is a lack. The Americans have better if you don't hurry up, in your proposition in a large part of the grabie soil, for their cheese than we have. vince, so that every place makes perhaps in one-half of our Province. Mr. G. Niceson, of Liverpool, sells equally good cheese, you risk being it is therefore important that our a great many apples preserved in tins

factories, as do, in Denmark, the by working it over, so as to produce

9th. If, after the Danish example, we wish to get a hold on the market, we must supply it regularly; only on that condition can we be sure of a constant domand for our products.

INSTRUCTION IN AND DIFFUSION OF AGRICULTURAL KNOWLEDGE.

10th. In our agricultural schools, or ance should be given to the theoretical course, so as to not only form good farmers, but also to turn out lecturers well versed in the science of farming.

11th. The schools for instruction in the domestic economy of the farm house must be greatly increased. The 5th. If we desire to increase our pork exports, we should try to produce a meat suitable to make bacon, be well to encourage the establishment

12th. An elementary treatise on agriculture should be published and taught in our primary schools.

13th. Our Journal & Agriculture and

sufficient to produce in abundance; it is important above all to produce that which can be easily disposed of and at remunerative prices.

14th. The establishment of agriculvided the killing, dressing and pack-tural lecturers has done good service ing are properly done. On this subject in our country and elsewhere to agritural lecturers has done good service interesting details will be found in the culture, and we must try to increase their efficacy.

PRACTICAL IMPROVEMENTS.

15th. The agricultural societies fodder and of roots should also be The exportation from Canada of pre-encouraged, if we wish to develop still served apples and tomatoes has for more the dairy business. These products are, moreover, indispensable for supplying, during the summer idrought, the lack of sufficient pastainge, which results principally from

who succeed in making cheese that is rago the testing of the soil, so as to Valued for its quality and uniformity. I find out if time is really wanting, or Hamilton, and Ceder Spring, Ontario; This uniformity should equally exist, what effect its presence exercises on these establishments belong to the in the case of our applies and of all our, farm production and on the grasses. "Simcoo Canning Co."

market.

The French so well understand the necessity of uniformity that they assort the farmers', or factory, butter, effects.—En.

18th. In Denmark, they are seriously occupied in replanting the country, and many Danish farmers have nurse-ries of forest trees. The forests of that country, composed generally of trees of the same kind and same size thaving been all planted at the same time) produce a very fine effect. These forests are kept with particular care and the trees are from time to time praned. (1)

We find, as to this subject, that it is very much to our advantage to continuo the policy inaugurated this year by the Provincial Government, and to distribute yearly among the Farmers' Clubs seeds of forest trees, for the purpose of creating nurseries, and of planting some of our farms that are already denuded of trees.

FOREIGN COMPETITION.

19th. Finally, we will again remind our farmers that they have to meet on the English market with a strong competition on the part of the United States, of Denmark and of many other countries, and that they should strive not only to increase their crops and to diminish the cost of production. but also to produce goods of irreproachable character.

PRUDENCE.

20th. But, no matter how useful the improvement to be made, the farmer, before undertaking it, should consider his means. For, owing to having built too costly structures, some Danish farmers have placed themselves in financial difficulties that have led to their ruip.

Respectfully submitted,

G. A. GIGAULT. J. D. LEGLAIR.

APPENDIX.

Intervieus of MM. Gigault and Lecommercial and agricultural classes fooding of pigs, carbo hydrates help in of the different European country, the formation of fut. that they visited, and an account of This farm has soveral fields of wheat, drawed with different kinds of fertithe information given by these different people.

ENGLAND

Mr. Hondson, of Liverpool, says that if Canadian choose could be sold in England for 12 cents a pound, retail, the demand and consumption would considerably increase. The Quethe too small variety of grasses sown becchesse is sold at a shilling less.

Sth. In England they actach the in the country, which arrive at marper cwt than that of Ontario. Cheese

> Frozen butter does not sell better Oar

The Americans have better boxes

outdone on our market by producers, agricultural associations should encour containing about six pounds each.

feathers and intestines, the importors

(I) Thinned cat !- Eo.

themselves dress the fowls; they should not be frozen, but thoroughly cooled before being packed. The head should be wrapped in paper and placed under a wing. The fowl should receive no feed for 24 hours before being killed, so that the craw may be empty.

SAMUEL HUGHES, butter dealer in Liverpool: "Good Canadian butter sells at one or two cents less than Danish butter. Frozen butter does not sell as well as that which is only kept cold. Casks are preferable to tubs. Consignments of butter should be made weekly, and it would be well to mark them 'pure butter.' Canadian cheese keeps better that of the United States. Cheese should not be made from skimmed milk. Bacon should be slightly salted and 'mild cured.' What is principally required in Liverpool is lean bacon, that is to say, with very little fat; in London, fatter bacon is used." Mr. Hughes says he prefers the hams unsmoked. (1)

Australian meats have lowered the price of bacon.

MacGeorge & Jardine, brokers and auctioners of Liverpool: "The Canadian apples are the best; they are generally well packed by the Montreal fruit dealers. They should hoursest trust dealers. They should be uniform in size. We do not advise the exporting of plums. The Spies are the best apples; the Baldwins and Greenings come next. The Fameuses sell well, but they are too delicate to be packed tightly in the barrels. The appearance of the fruit has a good ceal to do with the price it brings. The apples should be shipped about the month of October, so as to avoid frost."

A visit to the Experimental Farm at Rothamsted, where we met the chemist, Sir Henry Gilbert. A vast laboratory is connected with this inz-titution. For over fifty years, experiments, most important to agriculture, have been there made on the feeding of cattle, on fertilizers, as also on the different plants and grains. They have clair with the representatives of the come to the conclusion that in the commercial and agricultural classes feeding of pigs, carbo hydrates help in

> dressed with different kinds of fertilizers, the meadows are also treated in various ways. At the time of our visit, some wheats were more advanced than others, and Sir H. Gilbert attributed the difference, as to some of them, to the various fertilizers used, their market value even varying according to the fertilizers used. The same thing was remarked in the meadows. Sir Henry recommends a moderate use of wood ashes for grasses, and above all for clover; he also advises that old meadows be dragged with a light harrow and rollec

Doctor Freak, member of the Royal Agricultural Society of England, and author of several works on farming, gave us the following answers to seve ral questions that we asked him: In Canada, the late spring frosts, that often destroy the clover, will always be an obstacle in the way of permanent meadows and pastures; your indigenous grasses should claim your greatest attention and it will pay you to propagate them; some of them are earlier than otherward should come on heir than others and should forvo as a basis This uniformity should equally exist, what effect it's presence exercises on the case of our apples and of all our, farm production and on the grasses "Simcoo Canning Co."

for your pastures; the addition of Marmalades and fruit jellies do not clover would suit very well. Farm-manure, especially if from animals fed of with impurity. Exporters who sell very hurtful to agricultural progress as good that which is of inferior and the dairy industry. The Danish quality, or who mix had with good system of improving roads should be articles, run the risk of having their tried.

The French so well understand the prefixed analysis by test-plots. Lime does the feathers and intestines, the importors of the ham others and should sorve as a basis for your pastures; the addition of Marmalades and fruit jellies do not clover would suit very well. Farmmanure, especially if from animals fed upon oil cake, bran, and mixtures of ground grains would maintain fertility, while chemical fertilizers should to 15 cents per pound. These birds only be used as required by the law were shipped with their feathers on. of restriction, when not satisfied by the farm manure.

(1) That is, we suppose, that the smoking should be left to be done in England,—En.