The crops of Manitoba, the commissloner said, in opening his address, had not improved during the last ten had not improved during the last ten years. Old years had been exceptionally good, but the average yield had not increased. Enquiry among grain dealers revealed the fact that Mantoba wheat was not improving in quality. Neither of these conditions should exist. In Great Britain proper method of culture and seed selection bed increased the yield 30 per cent. had increased the yield 30 per cent, and in France the yield had been doubled, largely through the instrumentality of illustration stations such mentality of illustration stations such as the present government proposed to establish. Wheat raising was Manitoba's chief source of a source and yet it was growing harder every year. This was due to the partial exhaustion of the boll, the increasing prevalence of weeds and increasing prevalence of lungus diseases.

What was the cause of exact

What was the cause of small crops? The most frequent was lack o. moisture in the soil. He thought even this could be controlled in some even this could be controlled in some degree Decaying vegetable matter in the first four mehes of soil would assist it in retaining moisture. Rolled land showed by actual experiment a difference in temperature of three degrees at a distance of 11-2 inches below the surface. Rolling would then partially overcome another cause of latter, that of unfavorable temperature at time of germination. The reports of experimental farms showed ports of experimental farms showed tetter results from rolled than un-rolled lang almost without exception. A third cause of failure in crops was tack of inherited vigor in the seed, and lack of suitable food for the coung plant in the seed. This was point he wished more particularly to discuss.

It had been proved by repeated experiments that large heavy seeds give better and bigger crops than smaller and lighter seed of the same variety. Peas, selected in this way for three years, had shown a yield double that of which the medium sized peasonly had been sown each time. This naw had proven type for wheat, oats and potatoes. During some seasons there is no difference between crops raised from well selected and poorly selected seed, but these were in exceptionally good seasons. The reasons for this were plain. The seed besides It had been proved by repeated exfor this were plain. The seed besides containing the embyro of the plant contains food for that plant in the earliest stages of its growth. A plump seed contains n growth. A plump seed contains a surger supply of nourisiment than a smaller and lighter seed. In a good year this smaller supply is all that is required but should the surroundings in unfavorable, the large plump seed has a considerable advantage. The first week of a plant's growth is the most important in its life. A setback received at this earlier period leaves a lasting blight on the plant.

It is a well known fact that wheat grown on too rich soil produces a great deal of straw and little seed, while a plant grown on poorer soil has much less straw but much more grain. The main point then was to give wheat a good start in the spring but to have less favorable conditions but to have less lavorable contributed arise when the seed producing period arrived. This condition would be obtained by plowing down weeds and then surface cultivating instead of plowing a second time.

The question of the rotation crops was an important one since it secured these conditions. In a test made in England, land sown to turnip, barley, clover and wheat on the fourth year produced 114 per cent

more wheat than land sown continuously with wheat. Manitokans will, according to this, have to raise some other crops or summer fallow.

No two seeds of the same variety are alike, but they produce plants simare alke, but they produce plants similar in color, form, habit of growth, and hardiness. It would naturally be expected that the productiveness would likewise not vary, but it does. Of sixty-five varieties of outs sown on the five Dominion experimental farms, at Napan, Ottawa, Brandon, Indian Head and Agassiz, the variety least productive at Ottawa was most productive at Agassiz and the twolve productive at Agassiz and the twolve best varieties at each of the five farms included forty-one of those on the list. Of the forty-two varieties of wheat, thirty-three were included in the lists of the best twelve. It will be seen by this and experiments everywhere have shown similar results, that one variety is better than another only because it suits the condition of a certain locality better. There is no necessity for changing seed. It does not "run out" if the seed. It does not "run out" If the best is selected each year. The ex-periments at the Ottawa experiment-al of grain, some from same seed continuously, are tabulated thus:

This comparison is not quite fair since the second five years may have been more favorable than the second. Observations taken year by year showed the same result however. In 1895 the average yields of wheat sown on the Guelph experimental farm showed that seed which had been sown on the farm for six years continuously yielded 32 bushels per acre, that sown for years ago, 30 bushels; that sown for years, 28 bushels; sown three years, 27 bushels, while that sown for the first time yielded only 16 bushels.

He believed that by the selection of the best seed from the best part of his erop the Manitoba farmer could increase his average production 30 per cent. France had doubled its average yield, why could not Manitoba do something on the same line.

Mr. Robertson was loudly applauded the average yields of wheat sown on

Mr. Robertson was loudly applauded on taking his seat.

S. A. Bedford, superintendent of the Brandon experimental farm, cor-roborated Prof. Robertson in all that he had said. Red fyfe wheat and Banner cats had always proven themselves the best varieties for Manitoba. He had raised them continuously for nine years on the farm, and yield and quality were improving every year.

S. J. Thompson, of Carberry, said he had sown the grain continuously for sixteen years, and it had improved in yield each year. He selected the list part of his crop, cut it by itself, and had it threshed by itself for seed. The results had been the best.

Hugh McKellar pointed out that the

adoption of this system meant an in-crease of over a million bushels of wheat in the province, if carried out by the farmers. He hoped they would be able to secure other such lectures for other wheat growing centres of the province.

Premier Greenway, of Manitoba, declared to a temperance delegation who called on the provincial government one day this week, that the government would prohibit the sale of intoxicating liquors to the fullest extent of their authority.

THE DRY GOODS TRADE

MIN'S FURNISHINGS.

This department of the dry goods business is showing more activity. There is a very active demand for neglige shirts. A line of cotton shirts with fronts of silk in stripes and checks in appropriate quiet colors in very in appropriate quiet colors is very popular, and as they are sold to retail at a moderate price are going out well. They have no attached collar, but are sold to wear with a "stand up turn down" collar. There have but are sold to wear with a "stand up turn down" collar. There have been increased sales this week of bal-briggan and natural underwear. Cot-ton and lisle thread half hose have been selling freely. There is a good demand for one piece bathing suits Bicycle hose have had a good sale re-cently, and rolen black and near refrcently, and plain black and navy, with lancy white tops, are popular. Outing coats in black and grey lustre and light tweed are selling well.—Globe.

THE TRADE IN WOOLLENS.

The trade in woollens was perhaps never more satisfactory than it has been the past six months. The sorting trade, which is now occupying the attention of those in the business, is quite active. It is rather late for this trade now, but it has been keep-ing up well. A leading house here reports that its sales every month this year have been larger than the corresponding months in 1898. The spring trade this senson has exceeded the fall trade of last year. This is an abnormal condition, because, owing to the quality or weight rather of the goods that are sold in the fall, they are necessarily more expensive than spring lines. Payments in the woolien business are very good, and there are fewer failures than for many years. There are not, it ap-pears, more men in the retail business, but the retailers in business now are more generally of a better class, and are men of capital and experience, and dealing with such a class of people of course enables the jobbers to show better results on the business done. the values of woollens have been steadily advancing, but people do not seem to mind the higher prices. They are better able to pay for them, and are indeed even with prices moving upward taking a much better class of goods than in former seasons. The advances in prices are chiefly confined to the higher grades of woollens, and on some of the finer grades of imported goods the advances are as much as 20 and 25 per cent.—Globe.

DRY GOODS TRADE NOTES.

Receipts of woof are increasing in Ontario, but prices do not seem to improve any.

Canadian homospun cloths are selling freely in the old country this year and good prices are being realized.

Cotton goods continue to rule very firm in New York, and there is not the slightest weakness apparent in the market.

Canadian buyers of woollen and worsted goods are placing very heavy advance prices in raticipation of further advances.

The Dominion government has decided that no railway charters will be granted in the Yukon territory this year pending the settlement of the boundary dispute with the Unitel States. Several s h bills are now before the house.