FALL WHEAT.

Now that the fall wheat harvest is over it is time to begin preparing for next year's crop. In order to secure a proper seed-bed, early preparation is necessary. In a larger measure than many farmers seem willing to admit the character of the seed bed will control the yield of wheat. If the wheat is sown on a rough, unprepared seedbed a large yield need not be expected unless the other conditions are extremely favorable; and, even if other conditions are very favorable, there will be a larger yield when the land is in a perfect state of cultivation before the of cross colution and the particular parts of wheat is sown. It is better to sow a smaller area with the land well prepared than a large one with the land unprepared.

According to reports received from a number of farmers last year a summary of which was published in FARMING for August, 1897, there are several methods practised in the province of preparing land for tall wheat, and we cannot do better here than repeat the information gathered then on this particular point.

According to the replies received, the modes of cultivation usually practised are (1) to plow the land in the failow, sow peas in the spring, and after the peas are harvested plow and cultivate well, and sow wheat about the first September ; (2) to plow under clover sod of September; (2) to prove under choice sou with or without manure, and, where no manure is used, to plow under the second crop of clover, (3) to sow after corn or roots; and (4) to summer fallow.

by clover seems to be largely the prac- of product that will be a credit to his cice, and which has given very good workmanship when placed on exhibition several steamship companies sailing it cool.—Mass. Ploughman. results, providing everything else is tion, the cheese and butter-maker must from Montreal and Halifax, and will done in the proper way. There is no exercise the greatest skill and use his to a finite must from Montreal and Halifax. done in the proper way. There is no exercise the greatest skill, and use his use in advo-ating a certain line of very best judgment in getting ready his ally: procedure if the work is not half done. exhibit. While it may not be advis-It makes no difference what the method able to adopt any other than the usual advocated may be, good results can-practice in making exhibition cheese not be obtained unless the conditions or butter, it is well to give a little more involved are all fulfilled. And it is attention to all the little details in the just here where many wheat-growers process of manafacturing. fail, and why one farmer will get good not the easiest month of the year in results by following a certain line of which to make either cheese or butter practice, while his neighbor who because of the difficulty of getting the adopts the same methods invariably milk delivered at the factory in prime fails. Every detail of the plan must condition. It would be advisable then to

system thoroughly, and the results ob- this extra care to the milk, and be intained on the College Farm in wheat duced to continue the treatment after growing bears him out. This year a the shows are over. magnificent crop of wheat was grown and within reach of the plants.

cultivation by gang plowing, harrowing, and cultivating at intervals with a broad share cultivator. Before sowing from having put your skill to the test. the wheat the soil is loosened to a

THE PREPARATION OF LAND FOR depth of six or seven inches with a card containing the points made by or harrow.

of crop rotation, manuring and cultiva- his method of making, which have tion that will tend to conserve and increase the plant food in the soil and the production of a perfect sced-bed, in order that the plant may have the grow fall wheat successfully. improving the soil.

EXHIBITION POINTERS FOR CHEESE AND BUTTER MAKERS.

During the month of August dairy products are prepared for the fail exhibitions. With dairy products more perhaps than with any other product no good results can be obtained by Sowing wheat after peas preceded chance. In order to obtain a quality August is During the past few years the system take any pride in the reputation of their be carried at a temperature at or below of shallow cultivation has been prac-tised at the Ontario Agricultural Color might be well to have them believe them believe them believe the believe

When good milk has been secured, by this method of cultivation, which then the responsibility of making a tends to conserve the nourishment in good product devolves wholly upon the soil as near the surface as possible the maker. If he fails to make a quality of butter and cheese that will In brief, Mr. Rennie's usual plan is win a prize, then he will have to to sow fall wheat after peas. The admit that the skill and intelligence peas are grown on sod land, plowed which he has put into his work is of a thoroughly, harrowed, and cultivated lower grade than that of his brother the previous fall. In the spring, before maker who has won the prize. Everysowing, coarse barnyard manure is body, however, cannot win the prize, applied at the rate of fifteen loads per and, if success is not attained after acre, and mixed with the surface soil your very best efforts have been put by shallow gang-plowing, harrowing, forth, do not be discouraged, but try and cultivating. After the peas are again the next season. The special harvested, the land receives surface effort to do your very best will be helpful in your every-day work, and you will be a better cheese or butter-maker

grubber. To do this work thoroughly the exhibitor in the dairy products three horses are required. On heavy section is always forwarded to his ad clay land it may be necessary to use a dress after the show. This is a valuable sub soil plow. In no case is the de- education in itself, and even if a cash composed vegetable matter plowed prize is not secured it will pay every under with the ordinary plow, and butter and cheese-maker to make an covered with sub-soil which is unavail exhibit and find out in what particular able for plant food. Fall wheat at the his cheese or butter is lacking. To get one and a half bushels per acre. In every stage in the process of making hens from getting into it. the spring, as soon as the land is dry, his show cheese - and for that matter operations of each day's make through The essentials then of successful out the season-and then he will be need to supply egg material. given good results, and which have given bad results.

There can be no doubt about it, that in addition to the value to the very best opportunity for growth pos- trade in a general way in making a sible. With these in view every farmer good display at the leading fairs, the meal and beef scraps, wet up and in this province ought to be able to making of either butter or cheese for The exhibition purposes is an excellent oven. work of preparing the land will take dairy education and training for every ong up the tan once it is the time, but it will pay in the long run maker. Therefore, we would advise on the ground and help keep the hens and he the means of building up and every cheese and butter-maker to make busy. With a large run a good plan work of preparing the land will take dairy education and training for every fall fair. It will help your factory, bring your name before the dairy for bringing out what is best in you.

THE EXPORT FRUIT TRADE.

Robertson, Agricultural and Dairy Commissioner, has been sent by the and boiled potatoes or refuse vege-Department of Agriculture to the tables. Mix with hot water and let be of interest to fruit-growers gener-

was snipped from Western Ontario to Great Britain. About one-half of the quantity was forwarded in cold storage, and the remainder was sent as ordinary cargo. Those sent in cold storage were reported to have arrived all in good condition, and to have been sold at an average price of 1Ss. per barrel. barrel.

Those sent as ordinary cargo were reported to have been sold at an average price of Ss. per barrel, and 63 per cent. were reported to have been landed in a "wet" or "slack"

On examining the returns from twenty-nine cargoes of apples last year, I find that the same varieties of apples were sold at the same lege for fall wheat and, for that matter, that it will take two or three weeks to every kind of grain. Mr. Rennie, the get the show cheese or butter made so farm superintendent, believes in this that they will get into the way of giving which were landed in good condition and the which were landed in good condition and

which were landed in good condition and the apples which were reported as being landed in a "wet" or "slack" condition. For the safe carriage of late fall and winter apples, it seems desirable that they should be so carried that they may be thoroughly venti-lated, so that the heat produced by the fruit itself will be carried off.

When apples or other fruits are kept at a temperature above 40° Fahr, they continue to ripen or go towards decay. That process generates heat. The increased temperature

thus caused makes the fruit ripen still faster. For the carriage of apples by your Line, could you arrange to have the hold or holds for apples thoroughly ventilated by an air duct leading to the bottom of the hold, and by the use of an electric fan or fans to suck the warm air from the top?

During any particular warm weather on the voyage, the ventilating ducts might be used only during the evenings or nights, when the air was cool.

Our department is calling the attention of growers and shippers of apples to the desira-bility of packing the truit in barrels or boxes so constructed as to permit of ventilation through each barrel or box, and packed tight At the leading exhibitions the score enough to hold each fruit firmly in place.

SUMMER POULTRY NOTES.

If any of the birds pull feathers, separate them or the habit will spread

Coops or young chickens placed beside the comfield in mid season wil do no harm to the crop, and the corn will shade them.

If milk or other food is feed from a Guelph Farm is usually sown the last the full benefit of this the maker pan the top should be covered with week in August, at the rate of less than should keep a detailed account of very course wire netting to keep the

Don't leave food in the pen from the crust is broken by a horse weeder the maker should keep a report of the one meal to another, else they will get sick of it and not eat as much as they

> Refuse crackers can be bought quite cheaply from the cracker factories. These make a good cheap chicken food for a change.

> A good feed for young chicks is a cooked cake made of shorts, Indian baked fairly dry, but not hard, in the

Dig up the run often. It will sweeta display of his goods at some leading is to divide it into halves and cultivate one section every year.

Unless the ground is mellow in the public, and will supply an opportunity chicken run, a dust bath should be provided even in the summer. The hens will take care of the body lice themselves where there is dust.

A good summer morning feed is The tollowing letter, signed by Prof. equal parts of commutal and shorts. It is better if fed with some beef scraps

SELLING SHEEP YOUNG.

We have frequently advocated sell Last season a lot of early varieties of apples We have frequently ad ocated sell was shipped from Western Ontario to Great ing sheep which are intended for market as early in life as possible. Under present conditions of the live stock industry the earlier any animal goes to the market the more profitable it may be made to the producer. In the sheep industry this involves two or three contingencies. If a lamb is to be sent to the spring lamb market it is sent quite young and it is useless to castrate it if it is a ram lamb, for it is soon in the market, and no damage can be done by reason of its Leing a ram. This can only be done where the spring lamb market is available. If the lamb is to be kept until it weighs about 100 pounds it will pay to castrate at the proper age.

A two-year-old wether is not as profitable as a ten months-old lamb. A carefully bred lamb of some of the mutton breeds, if well cared for, will weigh close to 100 pounds at the age of ten months. At this age it will bring the best price it will ever command, and it has cost, for the amount of mutton produced, a minimum price. Some breeders of sheep will say that a lamb cannot be made to weigh 100 pounds at ten months old, and that it is only the pampered lambs that can be made to attain any such weights. On this please let us disabuse your minds, for we know of quite a number of sheepmen who are doing this very thing. If one man can do it another can under similar conditions and management. The present writer now has lambs that dropped in the middle of February that will come very close to the weight we have given as that which