

OUR FARMERS' PROBLEM.

Lient. - Governor Howland and Mr. Dillon at Marshfield.

Co-operation in the Production of Cheese, Butter and Canned Fruits.

Lieutenant-Governor Howland and Mr. Dillon visited Marshfield Cheese Factory on Saturday and completed the inspection of every factory in the province, except three. They were met at the factory by Senator Ferguson, H. M. McDonald, Fred Macdonald and other members of the factory company. They inspected the building which is an excellent one, tested the cheese product, pronounced it good, and conversed with Mr. McDonald, the manager. The party then proceeded to the Marshfield Hall. There a considerable audience was assembled. Roderick Munn, Esq., president of the Marshfield Factory Company occupied the chair and welcomed the Lieutenant-Governor, to whom he said, the farmers should feel grateful for the practical interest in their welfare exhibited by him.

Lieutenant-Governor Howland responded in an excellent speech which occupied upwards of an hour. He said that it had been a pleasure to visit the cheese and butter factories of the Province and to note the growth of the dairy industry, and he had a special delight in returning to scenes with which he was familiar in his youth, and to the settlement in which he resided his old and revered friend, Senator Haythorne, who in one of his reports had alluded to the experience of putting up cheese factories in the Province. He referred briefly to the farmers' occupation and expressed regret that many of our young men prefer to go abroad to work in the factories of continental cities. Agriculture is a profession of the future. He referred to the fact that the Million Acre Farm, which this Island is affords to our young men a fair field for the exertion of their energies. In this connection His Honor quoted some of the remarks of Sir John Lenz in the British House of Commons concerning the condition of British Agriculture. Sir John Lenz had said that many of the farmers of the present day did not show the thrift and intelligence of their fathers. He said that the manners and style of the country gentlemen, going to the hunt themselves, while their daughters played the piano instead of devoting themselves to the kitchen and the dairy. After the speech of the member for Dundas, a Yorkshire member handed to Sir John the following rhyme and its new version:

OLD RHYME. Man to plow, Wife to sow, Girl to mow, The rent netted.

NEW RHYME. Man to tally-ho, Son to town-o, Wife to mow, Girl to plow-o, Farmer gazzetted.

Agriculture here, as in England, needs personal attention and care. But our million acre farm possesses many advantages. It is naturally well watered, well drained. The advantage possessed in the matter of drainage may be judged from the fact that the drainage of the Experimental Farm at Nappan cost \$30 to \$38 an acre. How best to operate this great million acre farm in the altered state of affairs, that is the question to be considered. Certainly we ought to continue a system of mixed farming. We should be the best stock raisers in the Dominion, for this is a paradise for cattle that are properly cared for, and we ought to compete successfully in many lines of farming. But the question is how shall the money be obtained to pay off the mortgages with which some farmers are burdened? How shall we induce our young men and women to stay here upon the farm? It is a mistake to suppose as some have asserted that our people are burdened with a mortgage undebtedness which they cannot shake off.

In this connection His Honor read from an English paper, some statistics of the chattel mortgages and the business done by the loan and investment companies of Ontario in 1894, as follows:

"There are eighty-two companies making reports to the Department for that year. Four new companies came into existence since the returns were made up for 1893, and one established company ceased to do business. The secured loans of these companies, outstanding at the end of 1894, amount to \$120,229,818 and the total liabilities to the public, chiefly deposits and debentures, are \$86,958,820. About two-thirds of the total loans and three-fourths of the total borrowings are reported by companies having their head office in Toronto. The total subscribed capital of the Companies is \$94,047,711, and the property assets \$17,311,923. In each of these totals there has been a steady increase during the past seven years. The stock fully paid up, and the partial payments on stock, amount to 35,867,755 dollars. The other items under liabilities to shareholders are: reserve fund, \$1,567,879; reserve fund, \$1,671,666; dividends declared and unpaid, \$93,688; and contingent fund and unappropriated profits, \$1,461,933. The total deposits - \$45,352,497 - are more than at the end of the previous year, but less than at the end of 1892. The debentures payable in Canada (\$9,789,799) and debentures payable abroad (\$81,014,502) show a steady increase since 1887.

As compared with those of Ontario, our farmers are in a good position, and if the right means are adopted, they can easily, for the most part, throw off their financial burdens and enter upon a career of prosperity. The means are to be found in our butter and cheese factories, and in the production of fruit. Our people should think more of the old Scotchman's prayer, "May the Lord gie us a gud conit o' orens." It should be our aim, and our farmers should quite and co-operate, to establish a reputation as the best cheese-makers in all Canada. P. E. Island should be known as the Glasgow cheese. A paying price would then be maintained, in spite of competition. The reputation of Canadian cheese is high in England, and the export of last year amounted to fifteen millions of dollars. To the large sums obtained in recent years from the sale of cheese is to be largely ascribed the fact that Canada did not feel the recent great commercial depression as other countries did. Canadian cheese has been attacked in the British market, but it has been vindicated in a signal manner. The Canadian Gazette of the 19th September says:

The reputation of the basel cheese brought against Canadian cheese by the North British Agriculturist has been com-

ple, thanks to the energetic action of the High Commissioner and the Dominion Minister of Agriculture, in setting the facts in their true light before the British public. The cablegrams from Ottawa are full of evidence of the impossibility of adulteration, and of the fact that the North British Agriculturist - admitting the entire inaccuracy of its assertion - is this week fully withdrawing the charge, and acknowledging its error. It was, it will be seen, of the United States cheese, that it was thinking when it spoke of adulteration with oleomargarine. One good effect the incident has had. It has emphasized the watchfulness of the Dominion and Provincial authorities over this and other branches of agriculture. The stringent laws in force in the dairying sections of Canada make adulteration impossible, and it is worthy of note that in all the evidence presented to the Senate and the British Parliament on food products adulteration, there is not even the slightest suggestion of any adulterants being used in the manufacture of the Canadian article. Note, for example, the evidence of Mr. Thomas Clement, left Messrs. Andrew Clement & Sons, cheese factors, of Glasgow, who, by the way, has been in Canada to secure evidence of adulteration, not only from Eastern Canada but from Manitoba. Said Mr. Clement:

"We import large quantities of cheese from the United States, Canada and Australia, in addition to our cheese of home production."

"Is there much adulterated cheese imported?"

"Yes, unfortunately, there is a good deal. We know of large quantities, thousands of boxes weekly, being imported into the country as 'pure' Swiss and sold under the guarantee system the same as adulterated butter."

"Where from chiefly?"

"Principally from the United States of America."

Again the Canadian Gazette of the 26th September says:

"The North British Agriculturist has made amendments, as we anticipated it would, for its less charge against Canadian cheese. It says at the close of an explanatory editorial -

"There can be absolutely no question whatever as to Canadian cheese being altogether 'above suspicion' so far as the use of adulterants is concerned. We again express our regret at having through inadvertence made a grave but wholly unfounded charge - which charge, however, has resulted in emphasising the facts as to the rigorous measures adopted by the Dominion Government in the matter of the adulteration of food products, to preclude the possibility of the adulterated article being manufactured in the Dominion."

The Times, which quoted the charge, also welcomes the refutation. It says: "The statement which we expressed when the question was first circulated that it would prove unfounded is thus fulfilled, and the prompt action of the Dominion Government in this matter has been more than minimal to the interests of an honestly conducted industry will be welcomed by all who have watched the steady growth of the Cheddar cheese trade of Canada."

Those who wish to see Canadian products take a second place on British markets must beat them in fair and open market. Hitting below the belt does not pay in these days of the telegraph."

So you see that Canadian cheese has commanded attention in Great Britain. Its reputation has been established and it should be our part to establish that of P. E. Island. It is a matter for congratulation that the cheese product of P. E. Island was sold in bulk last year. After its character is fully established we shall get more remunerative prices. If a farmer can get a quarter of a dollar, half a dollar, or a dollar a day by the sale of his milk to the factory, he has a means of paying the interest of his indebtedness - if he has any. Fifty cents a day will pay the interest on \$3000. This is a practical way in which to test the matter. Every young man cannot inherit a farm. But a young man can buy one - and pay for it within five years, that is if he takes up dairying in connection with his farming operations. But it is said that as the cheese and butter factories increase the price will go down. It is also to be remembered that the factories will always want cheese, and always be ready to pay well for an excellent article. The farmer who obtains \$100, \$200, or \$300 a year from the factory feels nicely, even though the price of oats is low. Take the Province of Quebec. There an astonishing advance has been made in dairy production. In the year 1890 the quantity of cheese made in the province was 23,926,950 pounds, valued at \$2,362,395; of butter, 2,779,668 pounds, valued at \$555,932. In the year 1894 these figures had swollen to 55,180,696 pounds of cheese, valued at \$5,618,969, and 7,704,172 pounds of butter, valued at \$1,540,844. Had it not been for Quebec had increased its output of cheese by nearly 140 per cent, and its output of butter by nearly 200 per cent. In 1891 the number of cheese factories and creameries was 723, now it is 1,453. The great value of the dairy industry to the province is not to be wholly measured by the number of dollars it aggregates. As Mr. Beaubien shows, that industry is a source from which a large volume of money is distributed every year directly to the body of the people. The cheese sales of last year pumped into the circulation of the province above five and a half million dollars, while the money realized for butter was another million and a half. Seven million dollars flowing into a single province, and passing immediately into the hands of a saving class of farmers, would break the force of a severe depression. In their annual addresses the bankers themselves have again and again referred to the cheese industry as one of our strongest lines of defence against depression. In Quebec it is the mainstay of good times. Nor in that province is it by any means a full-grown industry. The conditions are most favorable for a long continuance of the present rate of increase.

If in Quebec the increase has been 200 per cent, is a similar increase here too much to expect? At present only about 2,000 of our farmers, or about one-fifth of the whole number, are sending milk to the factories. There is room for increase here. Farmers must, in the future, do better for their boys than they have done in the past. A boy should be given something on the farm by which he can earn money for himself. Our homes should be made attractive for the boys. The boys should be given an interest in the farm and taught habits of industry. Men in the profession are not to be compared in point of importance to the country with the men who add materially to the productivity of our farms. Every industrious ought to be held out to the boys, and the end that they may remain upon the farms, and they might be educated so that the brain will help the muscle. (Applause.)

His Honor proceeded to remark that the butter factories here had been able to sell part of their output in Newfoundland at fair prices, though little or nothing could

be obtained there for the mixed butter made by hand. The price of butter depends upon its reputation for quality. He knew a lady in Ontario who obtained one cent a pound for her butter, and 50 cents a pound was the average price in the West Indies. In this connection he quoted Mr. James R. Cradock, of Kingston, Jamaica, as saying when in Ottawa a short time ago: "If you had a cold storage system at Montreal, St. John and Halifax, in which you could carry meat, there is a fortune in it. We cannot get really good fresh meat, nor can we get good butter. We pay sixty cents a pound for very inferior butter. Your best butter is sold here at, say, the outside price of 25 cents a pound. Why, don't you see that if you had an entrance with us in beef and dairy produce, you would easily gain our confidence in other ways? You can take our sugar, our spices, our rum, our fruit. We in Jamaica will take all the flour Canada can send along. It has been reported to the British Colonial agents that we prefer to deal with Canada instead of the United States, but at present we are taking all our flour from the United States."

With cold storage, and a well established good character for our farm products, the opportunities of the farmers of Prince Edward Island will be immensely increased. (Applause.)

His Honor then referred to the fruit and canning industries, and quoted the following correspondence with the Director of the Experimental Farms:

[copy.] Feb'y 23rd, 1895. Sir, - I have the honor to request that you will be kind enough to answer the following questions, referring to the production of apples in this Province: 1st. Are the climatic and other conditions of this Province adapted to the production of apples, and how do they compare with Nova Scotia? 2nd. What species of apple, suitable for the English market, is best adapted to cultivation in this Province? Would those species which are grown in Nova Scotia improve or deteriorate in this Province? I will also be thankful for any other information on this subject which you may be able to give me.

I have the honor to be, Sir, Your obedient servant, (Sgl.) G. W. HOWLAND, Prof. Saunders, Director Experimental Farms, Ottawa.

Central Experimental Farm, Ottawa, March 4th, 1895. Hon. G. W. Howland, Lt-Governor of Prince Edward Island, Charlottetown, P. E. I.

Dear Governor Howland, - Your letter of Feb. 23rd is received, and I take pleasure in giving you such information as I can regarding the subject of apples for the Island.

In the absence of specific information regarding the production of apples, and at the time of one of my visits the apples were in good condition to be tested. The opinion I formed was favorable, as far as the limited amount of material would permit me to judge, and I could see no material difference in quality between the apples produced on the Island and those in the Annapolis Valley in Nova Scotia. This is a question, however, which I believe that I ought to investigate further. In the orchards near Charlottetown I found a number of varieties of apples succeeding well, and I see no reason why most of the best commercial varieties for shipment should not succeed here.

At that time I was very anxious that a part of the Government farm at Charlottetown should be devoted to testing fruits, and I made this suggestion to the authorities, but nothing came of it. In the absence of specific information on this point, there may be some risk in recommending special varieties for the Island; but from the healthy condition of the trees I saw in the orchards I examined, I have no hesitation in saying that I believe that this fruit industry on the Island might be extended with very great advantage. I think the Gravenstein would do well with you, and this is the best export apple, during the early part of the season, of the Annapolis Valley. The Golden Bunsen, King, Northern Spy, Ontario, Baldwin and Nonpareil are among the leading varieties now shipped from Nova Scotia and Ontario to Great Britain, and I think these would all succeed in Prince Edward Island.

I shall be very glad to give you any further information in my power on this or any other subject. Yours very truly, Wm. SAUNDERS, Director Experimental Farms, Ottawa.

GOVERNMENT HOUSE, Charlottetown, March 9th, 1895. Sir, - I have the honor to acknowledge, with thanks, the receipt of your letter of the 4th inst., with reference to the cultivation of apples in this Province. I would also be much obliged if you would give me your opinion with regard to the cultivation of plums, greengages, cherries and other small fruits.

Your obedient servant, (Sgl.) G. W. HOWLAND, Lient. Governor.

Wm. Saunders, Esq., Director Experimental Farms, Ottawa.

Central Experimental Farm, Ottawa, March 15th, 1895. Hon. G. W. Howland, Lieutenant-Governor of P. E. Island.

Dear Governor Howland, - Your letter of March 9th is received, and I am pleased to know that the information I sent you was so useful to you, regarding apple cultivation in your Province.

With regard to plums and cherries, I cannot speak from personal observation, further than what I have observed in the garden of the late Mr. Brown at Charlottetown. There I saw several varieties of plums doing well. He also introduced remarkably well with greengages, currants, raspberries and strawberries. I have no doubt that all these useful fruits would do well with you in almost any part of your Island. It is a matter of almost universal experience that these such varieties of apples as I have seen growing on your Island succeed, these plums, cherries and all the smaller fruits could be successfully grown.

I take the liberty of mailing you some of the recent reports of the Experimental Farm. I do not know whether you have them by you already or no; but if you have you can give these to some other person. I am sure, if you have not got them in your library, you will find them useful to refer to for many purposes.

I shall be glad to give you any further information in my power. Yours very truly, Wm. SAUNDERS, Director.

Here we have the highest authority for the opinion that apples for export can be grown here. Five years ago the export of Canadian apples to England amounted to very little. But last year there were shipped from Canada to England 1,189,000 barrels, netting the snug sum of \$2,731,000.00. Besides these there were exported \$26,000 worth of berries, \$25,000 worth of other fruits, and \$47,000 worth of canned fruits. An English paper contained this report:

"Transatlantic apples continue to arrive in increasing quantities. Messrs. Woodall & Co., of Liverpool, report the receipts to date to be 442,732 barrels against the same date of last year. Prices are lower, and Messrs. Woodall think the results of last week's shipments will be unsatisfactory to shippers. The following are the Canadian quotations: Apples, 100 lbs. to 100 lbs. 6d., second, 100 lbs. to 100 lbs. 6d.; Russets, 100 lbs. to 100 lbs. 6d.; 100 lbs. to 100 lbs. 6d.; Baldwin, 100 lbs. to 100 lbs. 6d.; Greening, 100 lbs. to 100 lbs. 6d.; Canadian apples on Covent Garden market are quoted 12s. to 20s. per barrel."

Apples placed upon the Covent Garden market are first inspected, and their excellence is attested to by the English market, of Nova Scotia, who owns a large orchard of 7,500 trees in that province said to Lieutenant Governor Howland a short time ago that if he were in P. E. Island he could go into orchards. The varieties of apples required by the English markets should be grafted on the old trees and we, too, should go into fruit raising for export. If anyone doubts the capabilities of our province in this regard, let him visit the farm of Inkerman Robertson. At forty years of age, Mr. Robertson planted an orchard which now yields him from \$1000 to \$1500 a year. Let any young man take ten acres and plant it with trees and if grafted cold storage, and a means of transport to the mother country, he will have much more money than if he were to go to Boston to work in a shoe factory. (Applause.) The orchard should have a north-south aspect, and every side, except the south. Then, if properly managed the results will be good. You have the experience of Mr. Gill, of Little York, who reports \$225 in one year from an orchard of 100 and a half acres of land. I refer to small fruits. Mr. Dickey and others are able to export large quantities of cranberries. The question of canning other small fruits is being tested by Messrs. Jones & McLean of Pownal. These gentlemen are our pioneers in this direction and they are canning early apples, peas, beans, cucumbers, plums, cherries, and berries of all kinds. When needed for the development of the growing, in addition to cold storage, is knowledge concerning the culture of fruits. To obtain this knowledge, we had proposed that an intelligent man be sent to the Nova Scotia School of Horticulture which is conducted by Mr. J. S. Sargent, of Pownal, Provincial Government. Regarding this school His Honor quoted the Canadian Gazette as follows:

"The school occupies a healthy and delightful situation in Wolfville - a town of about 1,500 inhabitants - in King's County, one of the chief fruit counties of the far-famed Annapolis Valley. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter. The orchards and gardens are found in all stages of growth. In and about the horticultural building may be found a library, conservatories, orchards and gardens, laboratories and museum. In the library are the leading works on horticulture, while the greenhouse is placed in connection with store-rooms and pits affording opportunities for nursery practice, grafting, budding and such like practice work the winter.