

HORTICULTURE

Horticulture at Guelph

The extension and increase of the work of the Horticultural Department at Guelph, has called for a readjustment and a sub-division of the work. Landscape gardening is to be made a more prominent feature, and Prof. H. J. W. who for 15 years has had charge of the whole department, will make this division his specialty.

Prepared Spraying Materials

The Maine Agricultural Experiment Station is now mailing Bulletin 19 which contains analyses of Paris greens and prepared Bordeaux mixtures as sold in Maine in 1907. The following extracts and conclusions, of interest to Canadians as well as Maine growers are taken from the bulletin:

"The ideal Paris green would carry a maximum amount of arsenic oxide in combination with copper; it would have as little as possible of free arsenic acid so as not to burn the foliage; and it would be in the finest possible powder in order that it may readily remain in suspension when mixed in water and that it may be more thoroughly distributed.

All of the Paris greens sold in Maine were found to carry sufficient arsenic. One largely used brand was found to be poorly made as shown by the coarse particles and an excessive amount of soluble arsenic. "The reported cases of burning of foliage and failure to kill the potato bugs reported from some users of this green may perhaps be explained by these analyses."

The commercial Bordeaux mixtures are discussed from the standpoint of their chemical compositions, their effectiveness and economy. "The large grower rarely, if ever, can afford to purchase prepared Bordeaux mixtures at any price at which they have been or can be offered. To say the least, freshly prepared Bordeaux mixture is in fully as good form to serve as a fungicide as old mixture. It apparently adheres to foliage better than old. There seems, therefore, to be little or no reason for the large grower to use ready made Bordeaux mixture. The experiments conducted at the Station clearly indicate the wisdom of dust spraying for potatoes. Until some marked advances shall have been made in the preparation of commercial Bordeaux mixtures, wet or dry, they do not seem to fit in to the economical and effective combating of the fungous diseases of the potatoes."

Fruit Crop Prospects

Present indications point to a successful year for the fruit grower. There is still time, however, for various influences to make the crops below normal. The experience of last season in the apple business teaches that prices will be low in the event of even an average crop. For this reason, apple growers should pay particular attention this season to all orchard operations that will tend to produce fruit of high grade.

ONTARIO COUNTY, ONT.

Oshawa.—Present indications point to a medium bloom. Baldwins are rather more than last year. Greenings will be heavier. Weather has been very discouraging for spraying. —Elmer Lick.

HASTINGS COUNTY, ONT.

Belleville.—It is a little early to report on apples, but the buds on most winter varieties have not developed sufficiently. From the buds

on those trees that have developed, however, a good crop is expected.—F. S. Wallbridge.

HALTOW COUNTY, ONT.

Georgetown.—There is promise of a heavy bloom on fruit trees this spring and as the season is very late, there should be little danger from frost.—F. J. Barber.

WENTWORTH COUNTY, ONT.

Fruitland.—Peach, plum and other stone fruits show a heavy bloom and prospects are for a heavy crop if the weather continues favorable. Apples

are in fine condition and budded well. All fruit trees in this section have been thoroughly sprayed with the lime-sulphur wash.—R. H. Dewar.

LINCOLN COUNTY, ONT.

Grimsby.—All kinds of fruit trees will have profuse bloom. Cherries are in full bloom. Peach and plum buds are partly opened.—G. Pettit.

NORFOLK COUNTY.

Simcoe.—Apple crop promises to be heavy in early and fall varieties: Spys, light; Baldwins and Kingds; medium; Greenings, heavy.—Jas. E. Johnson.

SIMCOE COUNTY, ONT.

Craighurst.—Early apple promise well. It is too early to make any definite forecast regarding the late varieties. Berry canes, where exposed above the snow, have been considerably damaged. Weather is backward and growth slow.—G. C. Caston.

The annual meeting of The Co-operative Fruit Growers' of Ontario will be held in Toronto on June 6th. Representatives from all the local co-operative associations in the province are invited to be present.



LANDS ARE MAKING MILLIONAIRES IN MINNESOTA

Millions of tons of iron ore underlie the farm lands in the Cuyuna District. Heavy outcrops for leases on Cuyuna Range have been paid since the discovery of iron ore in this locality. In one instance \$10,000.00 cash was paid for the privilege of exploring fifteen 60-acre tracts. The Northwestern Improvement Company, organized by the Northern Pacific Railway interests to develop iron deposits along their railroad paid a \$40,000.00 fee on a tract of land which only a few years previous was sold by their agent for \$300.00.

Now is the time to invest in ore lands for future developments. Don't hesitate and then always regret it afterwards.

The increasing demand for iron makes the development of new iron producing fields a profitable enterprise and one which offers attractive inducements to conservative investors, being a much different proposition than ordinary mining schemes.

The commercial standard of iron ore has been gradually lowered as the demands of the trade increased. Ores considered worthless a few years ago are in demand now. In the iron lands of Cuyuna Range in Minnesota are vast quantities of this lower grade material awaiting development. The Iron Producing Lands Company, an organized corporation with an authorized capital of \$50,000.00 for the purpose of developing Minnesota iron lands, owns a choice section in the heart of the Cuyuna Range. On all sides of this company's property are drillings showing vast deposits of iron ore, and within 80 miles of them, forty million tons of ore have been blocked out. The accompanying illustrations show examples of the active mining operations now going on in the Cuyuna Range.

Railroads Guaranteed 250,000 Tons

Both the Northern Pacific and Soo railroads are interested in becoming shippers of ore from this region. One of these roads has been guaranteed shipment of 250,000 tons per year. Expert mining engineers have offered to finance the expense of developing our property in return for a share in the resulting profits.

Approximately one billion one hundred and fifty million tons of the two billion tons of iron ore still contained in the Lake Superior region underlies the Minnesota iron lands. Could any stronger argument be advanced in favor of investing in their development as an opportunity for profit?

Every dollar invested in shares in this company participates directly in all operations carried on by the company and in all dividends declared.

Write to us at once for our free booklet containing prospectus and full particulars of our position. Now is the time to invest in Minnesota iron lands. Take advantage of this opportunity and write today.

Now is the time to invest in ore lands for future development.

Progress in the Lake Superior iron range for the past 12 months has been rapid. With a production of more than forty-two million tons the five ranges in Minnesota, Michigan and Wisconsin have sent considerably more ore to the furnaces than during any corresponding period in the history of the iron fields.

Countless Wealth for Future Investors

Approximately one billion one hundred and fifty million tons of the two billion tons of iron ore still contained in the Lake Superior region underlies the Minnesota iron lands. Could any stronger argument be advanced in favor of investing in their development as an opportunity for profit?

Every dollar invested in shares in this company participates directly in all operations carried on by the company and in all dividends declared.

Write to us at once for our free booklet containing prospectus and full particulars of our position. Now is the time to invest in Minnesota iron lands. Take advantage of this opportunity and write today.

THE IRON PRODUCING LANDS CO.,
822 Bank of Commerce Bldg.,
Minneapolis, Minn.

It is desirable to mention the name of this publication when writing to advertisers.