

Fortunately, we have now included among our fruit testing stations the Government pioneer farm at Dryden, and have forwarded them a good col-

lection of hardy trees of various fruits, and we hope the results may be helpful to our friends in Southern Manitoba.

THE PEACH CURL.



FIG. 1630.—TREATED LEAF.

THE nature of this fungus and its life history, has been several times fully described in these pages, but it remains to instance another clear case of successful treatment of it by spraying. Mr. W. M. Orr, in 1898, was the first in Canada to try white-washing his peach trees in winter season with a view of preventing the curl. His success was very marked, and was given to the public in his annual report.

This spring, Mr. A. H. Pettit, of Grimsby, sprayed his large peach orchard, first in February, and then again in March, using for first application one peck of lime to 40 gallons Bordeaux mixture, and the second time, one half bushel. One row right through the orchard was left unsprayed

—embracing nearly every variety. As the growth began the result became more and more apparent, every other row being free from curl leaf except the one unsprayed, on which the foliage was very considerably affected and the ground beneath was strewed with dead leaves, while under the others none could be seen. Numerous visitors studied effects of the treatment and were convinced of its effectiveness, and believe that, had the season being a wet one, the difference between the treated and the untreated trees would have been still more marked. Our engravings are taken from the leaves of the treated (fig. 1630.) and untreated (fig 1631.) trees.



FIG. 1631.—UNTREATED LEAF.