

REVEGETATION OF DEPLETED COUNTRY.

A. MACPHERSON.

EXPERIMENTS IN MACKENZIE COUNTRY.

Sawdon Run.

THE following information is compiled from notes furnished by Inspector Manning (Fairlie) of inspection of plots in experimental area made by him on the 11th July last, before the snow fell, and before there was any growth; therefore the results recorded are of grasses and other plants which appeared to be weathering the severity of the frosts up to that date.

Grasses and other Plants sown in Small Plots.—Cocksfoot, prairie-grass, white clover, chicory, sheep's burnet, sheep's parsley, and lucerne have stood the frosts very well. Rhodes-grass is now blackened and withered with the frost. Of the other grasses and plants very little can be said at present, as they are all cut down with the frost.

Grass-plants.—*Phalaris commutata* and *Phalaris canariensis* have done well, the frosts having had no effect on these.

Haldon Run.

An inspection of plots in the experimental area was made on the 17th August last.

Grasses and other Plants sown in Small Plots.—Those doing well are cocksfoot, prairie-grass, white clover, chicory, yarrow, sheep's burnet, kidney-vetch, and Rhodes-grass—the last, to a certain extent, cut down with the frosts. The grasses sown last autumn on this experimental area have made a splendid strike. It is yet too early in the season to make any definite report regarding the grasses, &c., until warmer weather sets in, and the plants have an opportunity of making headway.

CENTRAL OTAGO EXPERIMENTS.

The following is compiled from a report furnished by Inspector Baxter, of Clyde, dated 23rd September last:—

The weather has been very frosty in the Clyde district up to about fourteen days ago. Very little rain has fallen, consequently there is not much moisture in the ground. These experiments were initiated on the 2nd November, 1910.