

Plots were set out on it and various treatments accorded. On the 1st February, 1916, the following observations were made:—

Effect of Lime.—The effect of ground burnt lime was more or less marked on all plots on which it was applied, and the crop of oats and vetches was fairly proportionate in yield to the amount of lime applied. Thus, on the control (untreated) plot the crop was a total failure, the growth being only sorrel. The growth on the 1 ton lime, $1\frac{1}{2}$ tons lime, and 2 tons lime (per acre) plots were respectively poor, light, and good. The effect of the heaviest dressing of lime was most marked on the vetches; a good growth of white and alsike clover also appeared in places on the heavily limed plots.



A MOSSBANK AREA.

(Stumped, and mossbanks partially levelled.)

Effect of Heavy Rolling.—No apparent difference that could be attributed specially to extra-heavy rolling was produced on any of the plots.

Effect of Fertilizers.—Where wood-ashes (potash) were applied to plots which were also limed the result was very satisfactory, an excellent stand of oats and vetches being secured. Basic super-phosphate, applied alone at the rate of 3 cwt. per acre, failed to produce any effect that could be recorded as significant.

These results are suggestive, and in so far as they relate to the beneficial effects of burnt lime and potash are concordant with the results that have been noted elsewhere.