

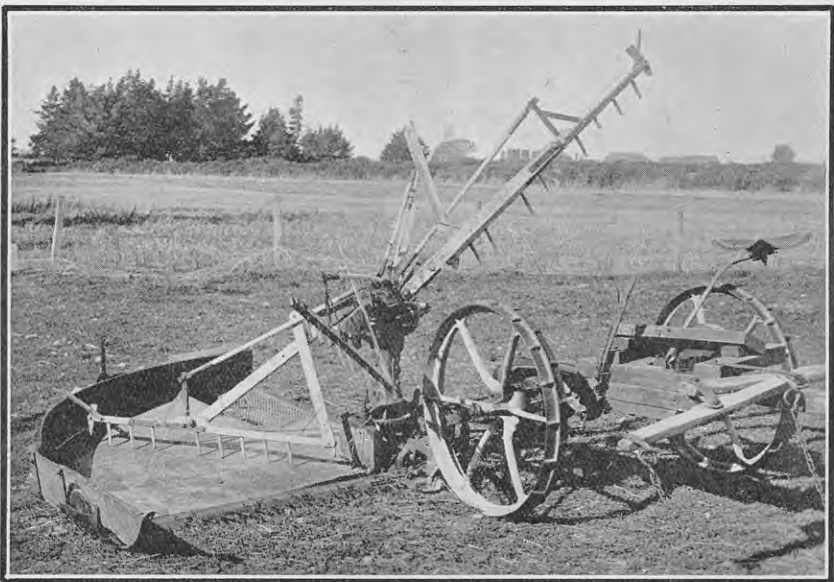
It will also be noted that in every case the yields have been higher this year, when no manure was applied, than they were last season, when the land was ploughed out of the lea and both manure and lime were applied. It is evident that in the 1921-22 season the ground was somewhat too strong to admit of successful wheat-growing.

Trials regarding the effect of Nauru phosphates on wheat have also been conducted on the farm of Mr. D. Smith, Masterton.

AN IMPROVED WHITE-CLOVER CUTTER.

THE accompanying photograph illustrates how Mr. C. Woodfield, of Horrelville, Canterbury, has contrived, with a very large measure of success, to adapt a mowing-machine for harvesting white clover.

The ordinary side-delivery machine does not cut close enough to the ground to catch all the heads, while the speed of the knife is too slow to cope with the heavy swath of green undergrowth. Mr. Woodfield's aim was to combine the close-cutting virtue of the grass-mower with the collecting and windrowing mechanism of the side delivery. To gain these points he inverted an ordinary mowing-machine, and with the aid of a special casting brought the knife behind instead of in front of the mower-wheel. A specially constructed platform mounted



MR. WOODFIELD'S WHITE-CLOVER CUTTER.

Showing sweep in position to deliver the crop from the platform, while the other sweeps are folded to clear the mower-wheel and the driver.