

as the rest of the field. Plot No. 1 receives no fertilizer and is a check result of untreated land identical to Plot No. 2, which receives the dressing of fertilizer.

This experiment should simply prove whether the fertilizer being tested was profitable to use or not for that particular soil and crop. In judging the result should not be forgotten that an increased yield does not necessarily mean an increased profit. The cost of the fertilizer and its application should be deducted, though apart from this very little more expense is entailed in dealing with a maximum as compared with a minimum crop.

The "Two Plot Experiment" is best suited to the testing of any complete fertilizer mixture containing nitrogen, phosphoric acid and potash. If, however, more detailed information is required regarding the deficiency of a soil in one

### "Five Plot Experiment"

