

THE REPORT OF THE DEPARTMENT OF AGRONOMY FOR
THE FACULTY OF AGRICULTURE.

A. PROGRESS IN WORK OF DEPARTMENT.

Since this department was organized, it has always been the aim to keep the standard of the work as high as possible. This has necessitated changes of one sort and another. The progress which has been made can best be illustrated by mentioning a few of the more important changes that have taken place.

Keeping well abreast with the time, our investigational and research work has been materially changed. Single plot tests, which are wholly inadequate to provide a true answer, have given way to those which are replicated at least four times, and, in many cases, still more often. All our results now undergo a statistical interpretation to determine their significance. An extensive study is being made of soil heterogeneity on one of our fields. This should provide valuable information on experimental methods and so prove of use in making our work still more efficient. Additional facilities have made it possible to do much more exact work. A large scale drying equipment has been installed, which makes it possible to convert samples of all forage material to absolute dry weight within a few hours. Formerly, much inaccuracy resulted in an attempt to bring different samples to a comparable moisture content.