

for the research student in agriculture, chemistry and allied subjects. This library has depository catalogues of the publications of the U. S. Department of Agriculture and the Experiment Stations of the United States. Two hundred and twenty-five periodicals are currently received.

#### Laboratories.

*Animal Husbandry*—In the basement of the Agricultural Building is situated the two dairy laboratories of the Animal Husbandry Department. In one of the laboratories the students are taught to test milk and cream for its butter fat content and also how to determine the acidity of milk and to use the lactometer. In the second laboratory the students are taught to make butter and cheese. The laboratories contain various kinds of separators, churns, butter workers, Babcock testers and other kinds of dairy equipment. Also the cows and dairy utensils at the dairy farm of the Experiment Station are utilized in teaching students. A three story building has just been erected on the farm of the Kentucky Agricultural Experiment Station which will be utilized in teaching students poultry husbandry. In the basement there is an 1800 egg Mammoth incubator and various other kinds of smaller incubators. The second floor contains a laboratory where students will be taught to dress fowls and to carry on various poultry studies. The third floor will be arranged as a class room for poultry instruction. The other equipment at the poultry farm consists of twenty-five different types of poultry houses and about 1000 chickens and turkeys, all which constitute laboratory equipment for the teaching of poultry husbandry.

The Animal Husbandry Department (Beef Cattle, Sheep and Swine) has two splendidly equipped laboratories which were furnished for the study of infectious abortion in cows and mares. The equipment consists not only of bacteriological but biological apparatus, and the laboratories contain a great many of the modern inventions that are necessary for the scientific study of germ diseases. In addition to the general outlay of glassware, surgical instruments, stains, etc., the equipment consists of two gas incubators, one electric incubator, two high speed and one low speed centrifuges, various hot air and steam sterilizers and an autoclave, etc. Much work has already been done toward the eradication of infectious abortion, and several remedies are now considered of importance in combating this disease. Bacteriological and biological examinations of blood, fetuses, etc., are made in these laboratories free of charge to those persons who are sufficiently interested to send the material.