

### Extension and Research.

#### Agriculture and Home Economics.

The agricultural and home economics extension service of the University, in co-operation with the United States Department of Agriculture, carries to the people of the State through practical demonstrations conducted by specialists of the College of Agriculture and county agents, the results of investigations in the fields of Agriculture and Home Economics. The organization consists of the administrative forces, including the director, assistant director, specialists and clerical forces, including county agricultural demonstration agents, and the home demonstration agents in each county and in the chief cities of the State. The county agents and the specialists jointly carry on practical demonstrations under the several projects in the production of crops or in home-making, with the view of putting into practice on the farms of the State improved methods of Agriculture and Home Economics that have stood the test of investigation, experimentation, and experience. Movable schools are held in the several counties. At such schools the specialists discuss phases of Agriculture and Home Economics in which the people of the respective counties are specially interested.

The work of the Boys' Agricultural Clubs is of special importance from an educational point of view. The specialists in charge of these projects, in co-operation with the county agricultural agents and the county school officers and teachers, organize the boys of the several communities of the county into agricultural clubs for the purpose of teaching them by actual practice the principles underlying agriculture.

The Home Economics specialists and agents organize the girls into clubs for the purpose of instructing them in the principles underlying canning, drying, preserving of fruits and vegetables, cooking, dress-making and other forms of Home Economics work.

Educational value of demonstrations, farmers' meetings, movable schools, clubs, and community exhibits show is incalculable. They serve to carry the institution to the farmer and to the home-maker.

#### General Extension.

This phase of the extension service of the University is conducted in co-operation with the United States Bureau of Education and is intended to make the Liberal Arts and branches of the curriculum, other than Agriculture and Home Economics, of greater service to the people of the State.

#### Agricultural Experiment Station.

Vitally associated with the extension service is the experimental work in agriculture.

In 1847 an act was passed making provision for a State Laboratory, in which the application of chemistry to agriculture was to be undertaken. In 1858 experimentation was undertaken on the College farm. After two or three years this work was interrupted by the general financial distress of the time and by the Civil War. In 1888, under the provisions of the Hatch Act of the preceding year, the Agricultural Experiment Station was established.

This act states the object and purpose of the experiment station as follows:

"That it shall be the object and duty of said Experiment Stations to conduct original researches or verify experiments on the physiology