

AGRICULTURAL ENGINEERING

Plan of Work for the year 1926.

- OBJECT:**
- To make the farms of the State more productive, efficient and prosperous, and the farm homes more attractive and more fit places in which to live.
 - To offer technical information and assistance to any taxpayers of the State who are interested in the development and the increase in the efficient use of the agricultural resources of the State.
 - To promote a better understanding of the value of the science of engineering as applied to agriculture.

METHOD OF PROCEDURE.

The methods of teaching the subject matter under Agricultural Engineering are by:

- A. Short Courses and Meetings, which are given when scheduled, and consist of illustrated lectures, moving pictures, laboratory work and talks at meetings.
- B. Publicity and Propaganda, which is handled through correspondence, bulletins, circular letters, newspapers and farm journal articles, and exhibits at fairs.
- C. Field Projects and Demonstrations, which consist of supplying technical information and service to individuals, communities, and organizations of the state.

Individuals, county or home demonstration agents, or community organizations make application to the department for the services of the specialists. The individual project is visited, in company with the county agent, surveys and other notes are made and a detailed report, plans and suggestions furnished. Demonstrations consist of visits and meetings at projects under construction and at finished projects, in order to instruct on methods and show results obtained. The specialist endeavors to instruct in such a way that those in attendance at the demonstration can carry out the practice recommended without further assistance. Many of the projects are self-advertising, such as improved farmsteads, farm home or other buildings, new operating equipment, water systems and other conveniences in the home and reclamation projects, such as drained fields, terraced hillsides and cleared land.

The following listed sub-projects are to be emphasized during the year, 1926.

- Sub-Project - I - Farm Drainage Demonstrations.
- Sub-Project - II - Terracing Demonstrations.
- Sub-Project - III - Land Clearing.
- Sub-Project - IV - Farm Water Supply and Sanitation.
- Sub-Project - V - Farm Structures and Farmstead Planning.
- Sub-Project - VI - Meetings.
- Sub-Project - VII - Short Courses.

Outlines of these sub-projects are appended hereto.