

PROJECT NO. 10

CO-OPERATIVE EXTENSION WORK

IN

AGRICULTURE AND HOME ECONOMICS

State of Virginia

Plan of Work For Agricultural Engineering

1924

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Plan of Work for Agricultural Engineering,

March 1, 1924 to Feb. 28, 1925

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.

PHASES

EMPHASIZED: The phases of this project to be emphasized during 1924 are:

1. Farm drainage,
2. Terracing,
3. Farm water supply and sanitation,
4. Farm structures and farmstead planning,
5. Short courses in farm power and operating equipment.
6. Meetings.

Other projects in agricultural engineering and miscellaneous subjects will be handled entirely through correspondence, unless it is deemed expedient to respond to more urgent calls for assistance.

SERVICES: The work will be carried on by means of:

- A. Publicity and Propoganda,
- B. Meetings and Short Courses,
- C. Field Projects and Demonstrations.

- A -

PUBLICITY Publicity and propoganda will be obtained through the publication of articles
AND which are based on the result of the project work. The county Agents will,
PROPOGANDA: in their publications, be asked to give the results of the project considerable

prominence. Other means of publicity will also be used, such as the distribution of bulletins, mailing of circular letters, exhibits at fairs, etc.

- B -

MEETINGS AND SHORT COURSES: The meetings and short courses will be given when scheduled and will consist of chalk talks and illustrated lectures, moving pictures and laboratory work on the subjects listed under projects V., and VI. of the attached project outlines.

- C -

FIELD PROJECTS AND DEMONSTRATIONS: The field projects will consist of technical information and services offered to individuals, communities and organizations in the State in matters relating to the following sub-projects:

1. Farm Drainage,
2. Terracing,
3. Farm Water Supply and Sanitation,
4. Farm Structures and Farmstead Planning.

Demonstrations will consist of visits and meetings at projects under construction or at finished projects, in order to instruct on methods or to show results obtained.

Individuals, County 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, if possible. Surveys and other notes are made, and a detailed report and suggestions furnished.

MEASURE OF RESULTS:

The projects to be emphasized are self advertising, such as a drained field, terraced hillside, running water in the home and new buildings and improved farmsteads. Cost records and records of conditions before and after will be kept in order to show the superiority of the practices recommended.

Copies and data of all projects in organized counties will be filed in the County Agent's office. Questions will be inserted in the blank supplementary report sent from the Assistant Director's office, which will require a checking and reporting of the condition of the project in each county.

In counties without agents, the work will be checked by follow-up letters. Results thus obtained will be summarized and included in annual report.

Office records will be kept of the volume of correspondence, number of blue prints, bulletins, circulars and other material sent out. Results will be measured by number of farmers reached and influenced to use the better methods recommended.

PERSONNEL: The following personnel will be maintained for the period mentioned in this plan of work:

1. Extension Engineer in charge - half time,
2. Extension Architect, - half time,
3. Assistant Extension engineer, - full time,
4. Secretary.

CALENDAR: The nature of the services rendered by this department preclude the possibility of following any fixed program for the entire year in advance. In wet years, drainage and soil erosion prevention are in great demand. The water supply and sanitation, and farm building plans and farmstead planning work come in more nearly the year through and are very well distributed.

Field projects and demonstration work will occupy about nine months of the year, while meetings, shortcourses and fairs, etc. will occupy the other three months.

MAP: From the nature of the service offered, it is not practical to include a map showing the location of demonstrations, etc. A map will be prepared at the end of the year and included in the annual report.

Respectfully Submitted:

Agricultural Engineer in Charge.

Outline of sub-projects to be emphasized during the year is appended to this plan of work.