

AGRICULTURAL ENGINEERING, 1924

PROJECT V - SHORT COURSES.

OBJECT: To give instructions in the operation, care and overhauling of farm power and operating equipment.

IMPORTANCE: The farm power and operating equipment projects are best handled through short courses. The farmers of Virginia have over \$50,000,000.00 invested in farm machinery. Thousands of dollars worth of new equipment is purchased annually, and there is need for still more use of labor-saving farm machinery. Thousands of dollars can be saved the farmers of the state by more intelligent care and operation of their equipment, which can best be learned at short courses.

PROCEDURE: Short courses, (one to four days) will be given as scheduled, and will consist of chalk talks and illustrated lectures, moving pictures and practical work on the following general subjects as desired by communities:

Single cylinder gas engines,
Farm tractors,
Automobiles and trucks.

The Agricultural Engineering Department will:

1. Provide an instructor/
2. Send a complete set of teaching equipment, such as charts, sectional models, tools and all necessary supplies.
3. Send out mimeographed programs and, when desired, assist with the publicity.

The County Agent will:

1. Make arrangements for a well lighted, warm room for handling the course. (It is suggested that these courses be put on in co-operation with the agricultural high school instructors and the school shop be used.)
2. Provide for demonstration a used engine, tractor, automobile or truck, according to the course given.
3. Advertise the course and sign up the required number of farmers.
4. Obtain a record of the results gotten in his county due to the short course.

RESULTS: Results will be measured by number of farmers attending the course; number applying what they have learned to the operation of their own equipment, etc.