THE SUBSTATION'S PLACE IN THE DEVELOPMENT OF
THE SCIENCE OF AGRICULTURE

(Abstract)

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The substations maintain a closer contact with the farmer than any other organization carrying on research in agriculture.

There are four types of research.

First is that in which something is done merely to see what will happen. This is the common or garden type of experimentation, and is very seldom of any value to agriculture.

Second is the amassing of data.

Third is the hypothetical type of research conducted to find new laws and short cuts in breeding, etc.

The fourth and last type of agricultural research is that which defines the objective in terms of service needed and which concerns itself with ways and means of obtaining this objective.

Cooperation with the United States Department of Agriculture is very essential to a substation's success in research work.

The organization of the substation as an integral part of the college of agriculture has been mutually helpful to both. The substation is in closer contact with the farming public. It knows the current problems and should be able to forecast the general trend of agriculture in the region. The substation's research work should be of great value to the teaching force at the college.

The substations will prosper if the administrative officers place a sufficiently high value on successful scientific research.

The research workers should be called into all extension conferences and should assist in outlining the projects. By doing this the state's whole agricultural force will be working along the same lines, and the information given the farmers will be based on proved facts.

Information is needed on many problems that face agriculture,

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