His work is also to assist in carrying on the general 4-H program in the county.

If the program is going to be a successful one, the cooperation of various agencies in the county must be had. When possible it is advisable to correlate the Extension program with these agencies. Agencies cooperating in Extension work are the press, radio, vocational agricultural departments, veteran trainers, service clubs, county supt. of schools, rural schools, Soil Conservation Service, district forrestors, Farm and Home Administration and the PMA County and Community Committees.

AGRICULTURE PLANNING

The program of work for the county agent is planned by the Wood County Agricultural Committee of the Wood County Board of Supervisors and the District Extension Leader. A group of rural people were called together to make up an advisory committee and give suggestions with the planning of this program. After this consultation some of the phases of work stressed were:

- Work with farmers and dairy plant operators in promoting better quality milk through educational meetings on mastitis and Bruc's control and continuing milkhouse and barnyard improvement.

- Encourage herd improvement through herd testing and artificial breeding.

- Work with dairy breed associations to help improve Wood County cattle.

- Encourage and improve feeding and management practices of all farm animals.

- Continue soil improvement work and acquaint as many farmers as possible with the results of a good fertilizer and liming program.

- Conduct test plots to demonstrate the recent developments in improved small grains and grass seed mixtures.
Assist in weed and insect control problems.

Help with the general 4-H program.

All of these were stressed during the year.

CROP PRODUCTION

As a result of so many new varieties of seed oats developed in this and other states during the past few years, Wood County farmers have been more or less confused when thinking about what kind to plant in the spring. With this in mind the College of Agriculture cooperated with county agricultural agents throughout the state by supplying them varieties for test plots. The purpose of these test plots is to show the various characteristics of the most common oats grown by farmers.

Small grain test plots were put in with the cooperation of county veteran trainers on the following farms: David Koep, Town of Someza; Bernard Lucht, Town of Arpin; Reuben Olm, Town of Marshfield. Fertilizer test plots were put in on the farms of Donald Accola, Town of Cory, and Victor Reigel, Town of Milladore, to show the results of applying fertilizer at varying rates per acre.

Throughout the summer these test plots were viewed by our office, county agricultural teachers, veteran trainers and trainees and interested farmers. The yields from these plots were determined but will not be publicized as they must be taken over a range of years to determine what variety is the best suited for any community as yields vary considerably due to weather and soil fertility. The plots this year definitely show that soils must be in a high state of fertility to get the maximum yields. The new test plots that were fertilized heavy also showed up much better this fall.