Gypsy Moth and Fire Ant Are Study Subjects

New or better ways to control gypsy moths and imported fire ants will be studied under research agreements between the U.S. Department of

Agriculture and four universities. The agreements, funded by USDA's Agricultural Research Service, will provide needed data for use in a broad, continuing program to improve the eficiency of pest control methods and to protect the environment. The agreements signed include:

A \$30,000, one and one-half-year cooperative agreement with the Arkansas Agricultural Experiment Station, Fayetteville, to determine the extent and rapidity of the spread of the imported fire ant into new areas and to identify characteristics that either

suppress or encourage the pest's development and survival in marginal ecological regions.

Two cooperative agreements, totaling \$120,000, with the Texas Agricultural Experiment Station, college Station, for three-year studies to determine the potential usefulness of hormones as control agents of the imported fire ant. and the acceptance of various bait materials by foraging worker ants and of compounds that ant larvae and queens may prefer to feed on in their nests. In addition, scientists will determine remote sensing techniques to survey large areas for imported fire ant infestations, including differentiating between mounds formed by imported fire ants and those of other ant species.

Barbara Herr Has Best Sheep at Manheim Junior Showmanship Barbara Herr, Narvon RD2. Elizabeth Herr, Narvon RD2, had the Best Sheep of the Show, a first. young Dorset ram, Wednesday at

year category.

show included:

Stevens RD1, third.

Pen of Three Fat Lambs -

Christian Herr, Narvon RD2,

first; Elizabeth Herr, Narvon RD2, second, and Paul Horning,

Senior Showmanship - Marlin

Bollinger, Myerstown RD2, first.

the Manheim Fair. The lamb had Ewe Lamb Under One Year previously won in the under one Elizabeth Herr, Narvon RD2, first; Kenneth Brubaker, 2418 Harrisburg Pike, Lancaster, Other placings in the sheep second; Barbara Herr, Narvon RD2, third, and Sarah Lynn

Brubaker, 2418 Harrisburg Pike,

Lancaster, fourth.

Lancaster Farming, Saturday, October 9, 1971-15

Individual Fat Lambs Elizabeth Herr, first; Christian Herr, second; Paul Horning, Stevens RD1, third, and Carl Musser, Mohnton RD2, fourth.

There were several entries in most classes and local sheep producers described it as one of the best sheep shows at local fairs in recent years.



Barbara Herr, Narvon RD2, daughter of Mr. and Mrs. Robert Herr, shows the Best of Show sheep at the Manheim Fair Wednesday. The animal was a young ram less than a



