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Pa. Gets Grant to Study Moth

The Pennsylvania Agricultural Experiment station at University Park is one of four recipients of USDA grants to study the gypsy moth.

Funded by USDA's Agricultural Research Service, the grants will provide data for a broad program to improve the efficiency of gypsy moth control procedures and to protect the environment.

The two year study under a \$26,845 grant in Pennsylvania will be to develop an accurate, efficient, sampling system for each of the life stages of the gypsy moth, thereby providing a basis for different organizations to employ a uniform system of estimating infestations

The other grants are:

A 3¼-year, \$75,000 grant to the Ohio State University, Columbus, for studies of chemical factors in ash and tulip poplar leaves that inhibit feeding by the gypsy moth. Biologically-active materials found in the leaves may have potential for use as a substitute for insecticides.

A 2½-year, \$33,000 grant to the University of New Hampshire, Durham, for studies of

electronic measurements of tree defoliation that would be faster, less costly, and less injurious to trees than chemical methods of measuring the effects of defoliation by the gypsy moth

A 3-year, \$18,988 grant to the State University College of Forestry at Syracuse University, Syracuse, N.Y., for studies of the potential compounding effects of the invasion of the two-lined chestnut borer in stands of red and white oak trees defoliated by the gypsy moth

DHIA MONTHLY REPORT

(Continued from Page 8)

HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
Paul B Zimmerman	RH	27	33.4	850	52.4	3.9	2.06
Red Rose Research Center	RH	30	27.0	93.8	50.1	4.0	2.00
John & H. Farrington	RH	27	31.0	96.2	51.3	3.8	1.95
Dale E. Hiestand	RH	32	31.0	87.2	48.0	4.0	1.92
John U. Glick	R&GrH	27	46.6	89.8	46.6	4.1	1.91
Ben K Stoltzfus	R&GrH	28	28.0	93.2	50.8	3.8	1.91
Harry G Kreider	R&GrH	33	76.7	92.4	45.7	4.1	1.89
Robert H Kauffman	RH	35	49.3	86.0	44.5	4.2	1.88
Titus B. Stoner	R&GrH	34	25.5	93.3	51.5	3.6	1.87
Amos B Lapp	R&GrH	29	38.0	90.6	46.2	4.0	1.86
Robert F. & Joan B. Book	RH	30	44.0	85.5	46.1	4.0	1.86
Kenneth L. Siegrist	GrH	28	34.9	89.3	44.9	4.1	1.85
Albert E. Fry	RH	28	27.9	99.1	47.7	3.9	1.85
H. Landis Weaver	R&GrH	32	28.9	93.7	48.5	3.8	1.85
John P. Lapp	R&GrH	31	28.8	86.0	46.4	4.0	1.84

City Youths See Farms

Some 20 Lancaster City youths participated in the farm visit program sponsored by the Lancaster County Soil and Water Conservation District in cooperation with the Boy's Club July 21 to 23.

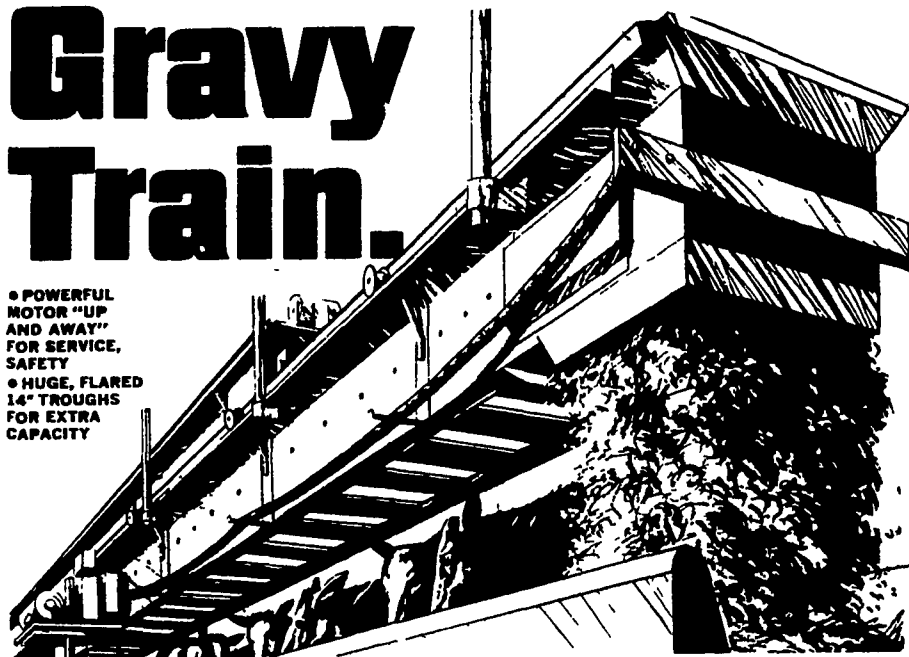
During a tour on the first day Orval Bass, district conservationist, narrated a tour of various farms with conservation practices. The tour included the old landfill, the county farm, the Jay Garber farm, the Lancaster Area Refuse Authority transfer station, and Speedwell Forge Lake.

A picnic was held at East Petersburg Community Park on Friday under the direction of the Millersville Jaycees and William Rohrer, Millersville RD, project committee chairman.

Henry Hackman, conservation district executive director, reported that farm families were impressed with the knowledge and behavior of the children, who were in the 10 to 14 age group and of mixed color.

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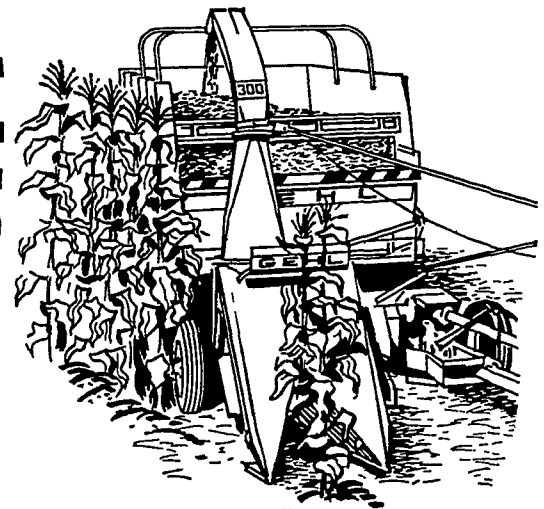
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CALEB M. WENGER

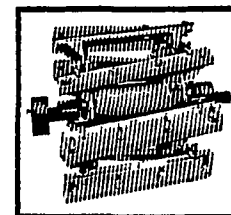
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