



New American Degree recipients in Lancaster County FFA include Barry Geib, left, Manheim; and Gerald Garber, Lampeter Strasburg. Other recipients due to receive American Degree next week at national convention are Barb Herr, Eastern Lancaster County; and Jay Garber, Elizabethtown.

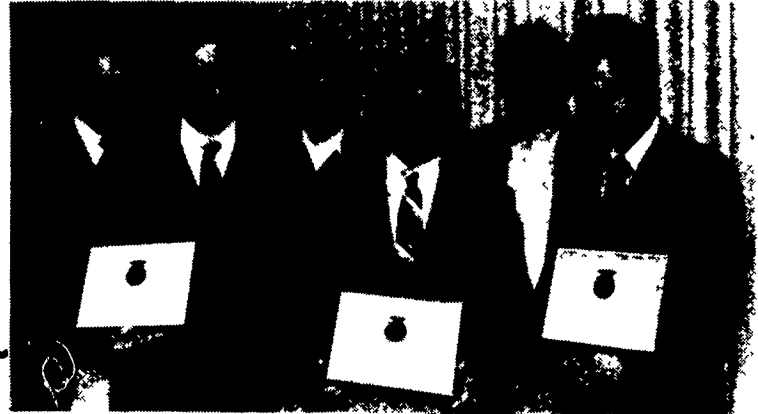


Major award winners in Lancaster County include, from the left, Fritz Frey, Solanco, dairy judging; Duane Stauffer, Eastern Lancaster County, livestock judging; and Ken Nolt, Manheim, Star Red Rose Agri-business Award.



State proficiency award winners from Lancaster County are Clifford Horning, Eastern Lancaster County, swine production; and Jamie Frey, Solanco, nursery operations.

Lancaster
Red Rose
FFA holds
recognition
banquet



Honorary FFA Red Rose Degree recipients include, from the left, Dr. H. Dale Spaulding, Lampeter Strasburg Schools; Ken Smoker, Walter M. Dunlap & Sons; John Wagner, White Oak Mills; Andy Marvin, Interstated Milk Producers; Fred Hess, Hess Fruit Company; and Tim Breneisen, Lancaster County Soil Conservation District.

Beetles
resist
Malathion

MANHATTAN, Kan. — Red flour beetles in stored grain and grain products are showing increasing resistance to malathion, the most commonly used insecticide for stored grain, a U.S. Department of Agriculture scientist reports.

But the scientist, entomologist Richard W. Beeman of USDA's Agricultural Research Service, said he had located the specific gene in the beetle that resists malathion.

He said he is locating genes that resist other insecticides so that a strategy can be developed to reduce the impact of insecticide resistance.

The red flour beetle's resistance has intensified in the past 15 years throughout the Midwest and Southeast, he said, while the highest levels have been found in Alabama, Florida and Georgia.

Beeman said new evidence of the resistance came from studies at the research agency's U.S. Grain Marketing Research Laboratory in Manhattan, Kans.

He and Jonathan P. Haliscak, Kansas State University graduate research assistant, found 36 strains of red flour beetle, *Triboleum castaneum* (Herbst), in grain collected from storage bins in 10 states.

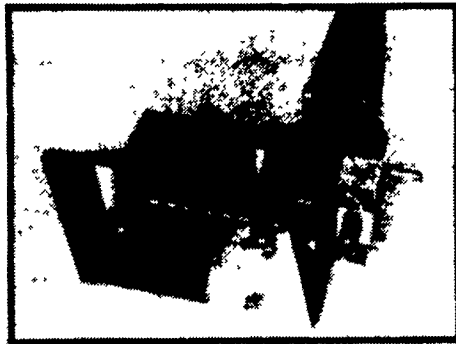


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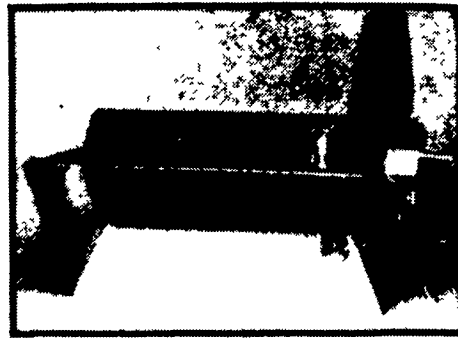


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