

**INDUSTRY SUPPORTED RESEARCH PROGRAMS ARE UP AND RUNNING**  
 William D. Weaver, Jr.  
 Professor

The initial proposal to fund industry supported poultry research at Penn State was presented to the departmental Industry Advisory Committee at its spring committee meeting in 1994. From that first effort over three years ago broiler and table egg research programs have evolved to specifically address needs with direct applications to Pennsylvania poultry producers.

To fund the two programs the industry agreed to voluntarily check-off 10 cents a ton on feed consumed by breeders, broilers, pullets and layers housed in the state. Currently the two separate funds are generating approximately \$60,000 and \$45,000 annually for broiler and

table egg research, respectively.

Two review committees have been appointed to represent the broiler and egg industries and are responsible for setting priorities for the research, reviewing the research proposals and establishing the level of funding for each project. The broiler committee consists of Jim Adams, Wenger Feeds, Inc.; Mickey Baugher, Empire Kosher Poultry, Inc.; Dave Johnson, College Hill Poultry; Mark Lovette, Tyson Foods, John Martin, Longenecker's Hatchery; Dave Petroski, Kreamer Feeds; and Bruno Schmalhofer, Farmer's Pride, Inc., with Dr. John Fidler, Pennfield Corporation serving as its chair. The egg committee is chaired by Jim Adams and consists of Ron Gayman, Hillside Poultry Farm, Mel Gehman, Heritage Poultry Management Systems, Inc., and Bob Kreider, Hy-line

International. I serve as an ex-officio member on each committee.

To date the broiler program has funded seven projects totaling \$92,579. While I won't discuss the details of any of the projects (if you have an interest in a particular project or projects please contact me or one of the committee members), I am listing the titles and names of the investigators from the funded research proposals:

1. Developing new strategies to enhance bone mineralization and reduce skeletal abnormalities - Roland M. Leach, Jr.
2. Methods to alleviate heat stress in market broilers - R. Michael Hulet and William B. Roush
3. Feeding strategies to reduce early growth and ascites incidences in broilers - Guy F. Barbato, Nuket Acar, and Paul Patterson
4. Enhancement of pre-slaughter breast muscle glycogen and moisture content and exploration of the potential for glycogen-loading in broilers - Regina Vasilatos-Younken
5. Winter ventilation and fuel use: an economic and productivity analysis - Eileen F. Wheeler, Dennis Buffington, R. Michael Hulet, William B. Roush and William D. Weaver, Jr
6. Utilization of photoperiod

and melatonin to improve broiler performance - Magdi M. Mashaly, R. Michael Hulet, and William B. Roush

7. Optimizing percentage pellets mixed for broiler diets - R. Michael Hulet and William B. Roush

As the egg research program has taken longer to initiate only three projects totaling \$48,992 have been funded to date. These projects and the investigators are:

1. Layer house environment control strategies for improved

productivity and profitability - Eileen F. Wheeler, Dennis Buffington, Paul H. Patterson, and William D. Weaver, Jr.

2. Effect of temperature, humidity, and ammonia on production efficiency and immunity of commercial laying hens - Magdi M. Mashaly and Paul H. Patterson

3. Metabolizable energy and crude protein of corn and soybean meal utilized by Pennsylvania poultry producers - Paul H. Patterson and Nuket Acar

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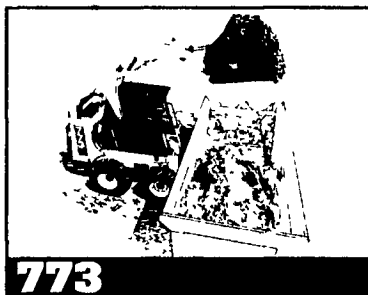
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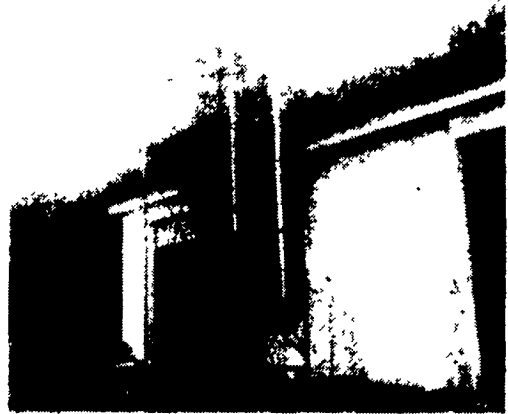
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