

42 State Ag Projects Receive Funds

HARRISBURG (Dauphin Co.) — Forty-two agricultural research projects have been funded by the State Department of Agriculture for the current fiscal year, according to Agriculture Secretary Boyd E. Wolff.

The contracts, mostly for three-year projects, were awarded to The Pennsylvania State University, University of Pennsylvania, Delaware Valley College and Rodale Research Institute.

They were selected by the Ag Research Committee, comprised of House and Senate Agriculture Committee members and representatives from the State Department of Agriculture.

A research advisory committee reviews suggestions for research projects each year from the state's agricultural organizations.

Four separate projects are nearing completion. They include

Post-Harvest Fruit Loss (Penn State, \$209,838), Peach Adaptation in Pennsylvania (DVC, \$29,900), Greenhouse IPM (Penn State, \$34,380), and Insecticide Usage for Potato Pests (Penn State, \$28,825).

The new research projects are:

Penn State University
• Bovine Mastitis Research, \$20,780.

• Relation of Coliform Mastitis to Subsequent Reproductive Efficiency & Milk Production in Dairy Cattle, \$26,302.

• Environmental & Management Factors Associated with the Persistence of Pseudorabies Virus in Swine, \$39,311.

• Effects of Modified Live Infectious Pseudorabies Virus Vaccine on Reproduction in Swine, \$25,833.

• Pseudorabies Virus: Genetic Recombination Between Field &

Vaccine Strains under Natural Conditions, \$29,472.

• Bovine Coccidiosis Control, \$26,564.

• Genetic Resistance to Mastitis in Dairy Cattle, \$42,726.

• Effects of Bacterial Endotoxins in Chickens, \$29,299.

• Evaluation of Variant Forms of Infectious Bronchitis Virus in Egg Production Losses, \$35,232.

• Attitudinal Change as a Consequence of Food Policy Education at the Rural/Urban Interface, \$34,168.

• Animal Welfare Research and Education Programs, \$39,641.

• Expert System to Evaluate and Interpret Farm and Laboratory Mastitis Data, \$36,683.

• Impact of Menthol Treatments on Bee Longevity and Tracheal Mite Infestations, \$32,055.

• Development of Integrated Pest Management Certification

Guidelines for Agricultural Crops, \$32,881.

• Reducing Chemicals in Apple Production Through Disease Resistant Cultivars, \$27,689.

• Alternative Management/Facility Systems for Veal and Dairy-Beef, \$42,296.

• Distribution of Fumonisin in Corn, \$23,639.

• Egg Shell Damage Under Rapid Cooling, \$29,848.

• Establishment of a Field Plot Research Center for the Study of Alternative Strategies in Vegetable Crop Production, \$44,222.

• Nematode Suppressive Crops for Orchard & Vineyard Renovation, \$11,414.

• Potential of Recycling Slaughter Plant Wastes as Animal Feeds, \$23,654.

• Development and Evaluation of Virus-Indexed Mushrooms, \$31,365.

• Effect of Environmental and Processing Procedures on Consumer Acceptability of Tilapia \$43,242.

• Multiple Crop Systems and Crop Rotation Practices for Integrated Management of Colorado Potato Beetle, \$32,932.

• Farm and Non-farm Interdependencies at the Rural-Urban Interface, \$50,085.

• Control of Western Corn Rootworm, \$35,853.

• Improved Vegetable Transplant Quality and Establishment, \$44,477.

• Evaluating Pre-Sidedress Nitrate Test and Other Soil Nitrogen Availability Tests, \$32,892.

• Control Strategies for Noxious Mile-A-Minute Weed, \$18,169.

• Animal Welfare in Poultry, \$32,900.

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