

# Pa. approves 12 ag research projects

HARRISBURG — A total of 12 agricultural research projects, addressing topics ranging from shipping fever to soil nutrient management, have been earmarked for funding during the 1983-84 fiscal year, according to State Agriculture Secretary Penrose Hallowell.

The 10-member Pennsylvania Agricultural Research Committee, chaired by the secretary, has approved project funding totaling \$257,235. Hallowell noted that funding for five on-going projects, totaling \$126,110, was approved during a meeting held in April. Funding for the projects, from horse and harness racing revenues in the past, came from a special agricultural research line item in

this year's general fund budget.

"Research conducted by specialists in these areas is essential to the continued growth and prosperity of Pennsylvania agriculture," said Hallowell, indicating that work on the projects would be carried out at Penn State, the University of Pennsylvania and Delaware Valley College of Science and Agriculture.

Slated for study at Penn State are:

— Soil Level Management, manage levels of nitrogen and potassium for corn production and minimum enrichment of runoff, (new), \$17,110.

— Leaker Eggs, increased use of eggs (new), \$16,310.

On-going projects at PSU in-

clude:

— Vegetable Production Efficiency, \$23,200.

— Hybrid Mushroom Research, \$26,280.

— Leg Weakness in broiler chickens, \$15,624.

— Nematode Control, \$10,300.

The University of Pennsylvania received four new project awards. They include:

— Flock Profiling, development of an Immunologic Flock Profiling System Employing an Automated Enzyme-Linked Immunosorbent Assay (ELISA) system, \$36,671.

— Swine Pseudorabies, pseudorabies virus infection and new approaches to analysis of latent infections, \$16,800.

— Bovine Leukemia Virus In-

fection, transmission and significance of bovine leukemia virus infection, \$28,165.

— Parasite infections in Sheep, relationship of hemoglobin types and susceptibility of sheep to infections, \$6,375.

University of Pennsylvania researchers will continue work on an on-going project on shipping fever, evaluation for prevention and treatment, with \$37,000 in funding.

Delaware Valley College received a \$23,400 award to study the ramifications of applying lime enriched septage on forage lands.

In addition to Hallowell, members of the Pennsylvania Agricultural Research Committee include: Deputy Secretaries of

Agriculture E. Chester Heim and J. Luther Snyder; Fred Wertz, Acting Director of the Department's Office of Planning and Research; Ben Mader, Executive Secretary of the State Harness Racing Commission; Charles Trimmer, Executive Secretary of the State Horse Racing Commission; Senator Edward Helfrick, Chairman of the Senate Agriculture and Rural Affairs Committee; Senator Patrick Stapleton, Minority Chairman of that committee; Representative Samuel Morris, Chairman of the House Agriculture and Rural Affairs Committee; and Representative Joseph Grieco, Minority Chairman of that committee.

## Vegetable seminar set Dec. 15

WEXFORD — The annual western Pennsylvania "Commercial Vegetable Growers Seminar" will be held on Dec. 15 at the David Bradley House in Wexford. The all-day meeting was planned by the Cooperative Extension Service of western Pennsylvania and will run from 9 a.m. until 4 p.m. This meeting is aimed

specifically at commercial vegetable growers and those involved in the support of vegetable production in western Pennsylvania.

Some of the leading authorities on vegetable growing in the northeastern states will cover a wide range of topics. Crops to be featured are sweet corn and vine

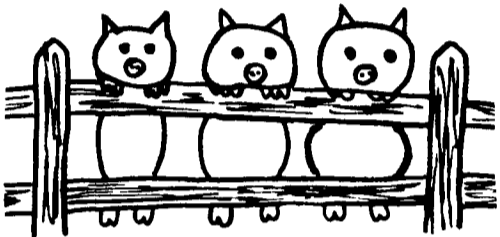
crops along with a session on new varieties of vegetables.

Cost is \$7.00 per person including lunch. Reservations or information may be made obtained by writing: Commercial Vegetable Meeting, Cooperative Extension Service, Penn Liberty Plaza, 1520 Penn Ave., Pittsburgh, PA 15222.

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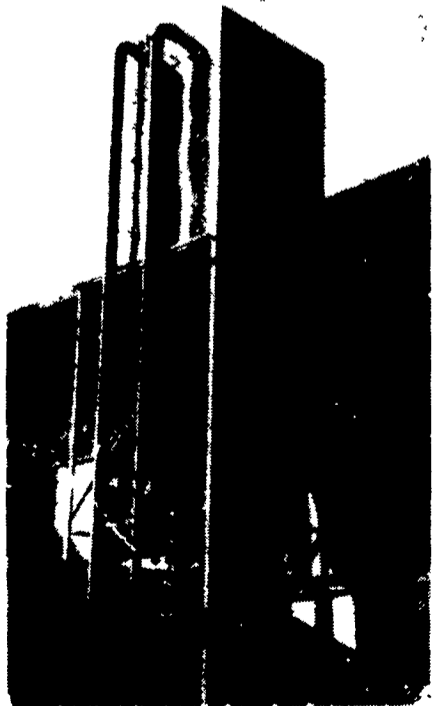
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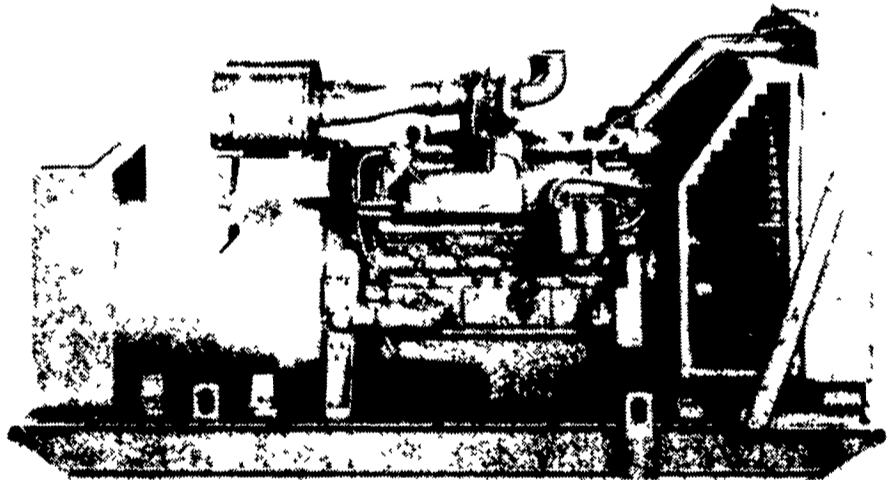
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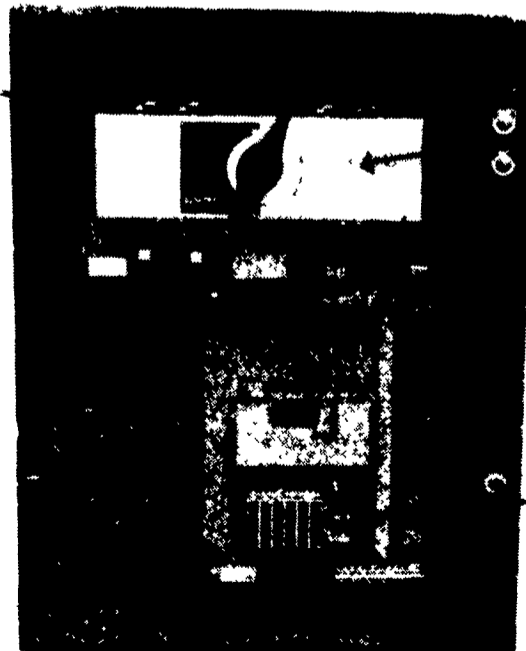
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