

## PSU research

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much honor this year for his research in artificial insemination and reproductive physiology, has been working more than 35 years in the same basic field of inquiry. Almquist won this year's Wolf Prize termed the "Nobel Prize" for Agriculture, since it is the highest award given in agriculture.

What Almquist and his colleagues have provided is a "continuity" of good solid research, with cumulative benefits that radiate outward to industry and to all mankind. Such long-term efforts require basic support of the University and the industry over the years.

From an investment viewpoint, this type of research can provide significant dividends. The increased income to the agricultural community from our dairy breeding center research can easily be shown to exceed "twice" the entire budget of the College of Agriculture over the past ten years, says Smith.

Smith adds that Pennsylvanians can take great pride in the entire research program in the College of Agriculture as it heads toward the 1990s. Some areas he says are particularly strong include: dairy breeding, greenhouse energy

conservation, turfgrass breeding and management, integrated pest management, food flavor research, mushroom production and management, biomass for energy, cereal breeding and management, rural development, municipal waste management, biomass for energy, livestock, forage systems, and nutritional biochemistry.

A report recently compiled by Penn State's Agricultural Experiment Station lists some new areas of research considered "areas of promise." These are areas Smith notes need more attention.

They include: integrated management of forest pests, remote sensing, immunological response to animal parasites, muscle food processing, human nutrition, international agriculture, marketing and transportation, regulation of animal growth, and delivery of research through Extension education.

Penn State researchers are not overlooking the much publicized genetic engineering areas which has lead to nitrogen-fixation research; enhancement of photosynthesis; and broad based recombinant DNA capability.

Penn State has a respectable

## USDA ICC waives written hauling contracts for ag produce

program of research in cellular level DNA research in the College of Science. Smith says, adding the College of Agriculture has no intention at this time to make a major thrust in cellular research.

There is a very long way to go to make this research directly applicable to higher plants and animals, he says. Penn State researchers are exploring opportunities to make applications of this basic research.

"Our research accomplishments in the next decade will depend upon many variables," Smith concludes. "We will need a team effort from faculty, staff, and administrators, as well as increased public and industry support."

"We will also need a positive attitude and a faith in our own capabilities. This is what I expect to see cultivated and encouraged in our Experiment Station and throughout the College of Agriculture."

WASHINGTON, D.C. — The U.S. Department of Agriculture and the Interstate Commerce Commission have decided not to require written contracts for the interstate movement of agricultural commodities otherwise exempt from regulation.

"To require any mandatory contract of haul, even with a minimum of regulations to implement and enforce such contracts, would result in serious problems for the fresh fruit and vegetable industry that would not produce any meaningful benefits for the independent owner-operators," Martin F. Fitzpatrick, Jr., director of USDA's Office of Transportation, announced.

"The contract of haul is an extremely important public policy decision affecting all agricultural interests," he said.

The task group which in-

vestigated this problem, as required by Section 16 of the Motor Carrier Act of 1980, was composed of representatives of USDA's Offices of Transportation and General Counsel, and the ICC's Offices of Transportation and Analysis, Proceedings, Compliance, and Consumer Assistance, and Small Business Assistance.

The task force started with an initial working paper which raised a number of issues for discussion and set forth a sample of the type of rules that might be considered, Fitzpatrick said. In addition a series of hearings were held in seven cities across the nation during January 1981.

Finally, the commission conducted independent surveys of drivers and owner-operators to insure that their input was adequately received and analyzed, Fitzpatrick said.

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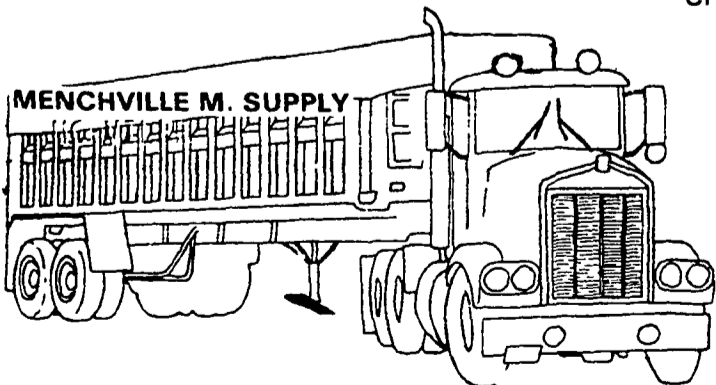
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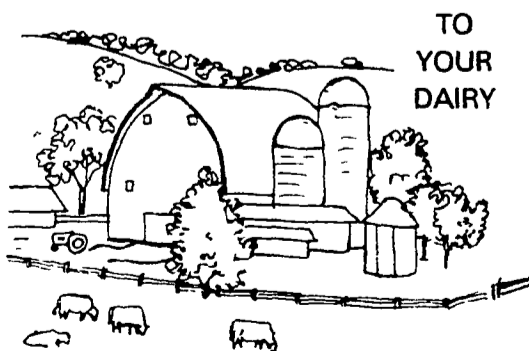
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