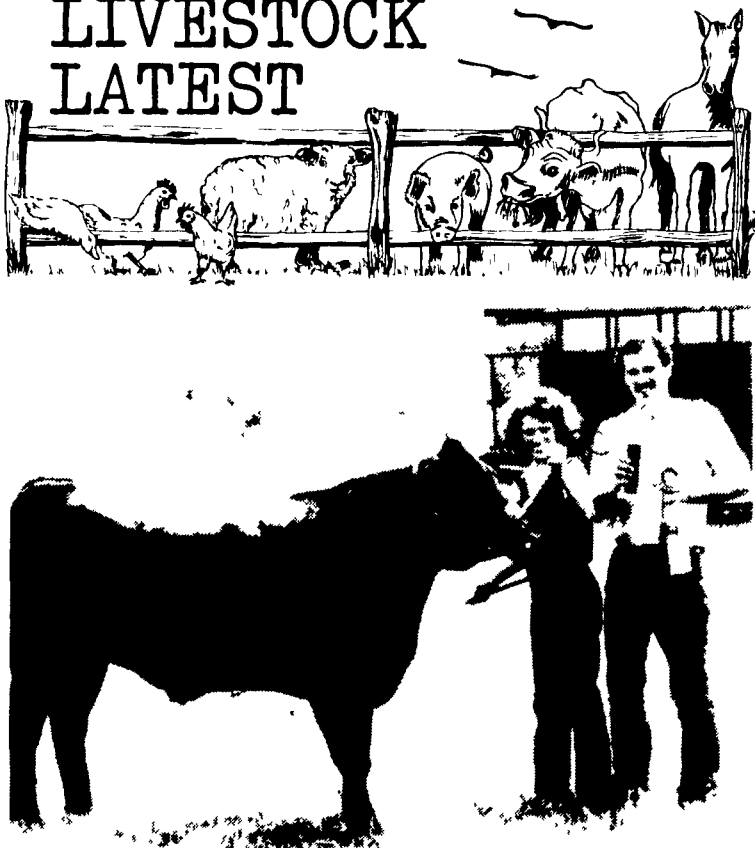


LIVESTOCK LATEST



Nicole High and her N.J. Preview Show grand champion steer.

Pa. entries dominate NJ Preview Show

HARMONY, N.J. — Pennsylvania exhibitors figured heavily in the winners circle at the second annual New Jersey Junior Preview Show held at the Warren County Fairgrounds on June 9.

The grand champion Angus heifer was shown by Emily Weaver of Ephrata. Campaigning a High Guy daughter from Rally Farms, Millbrook, N.Y., Miss Weaver also took reserve champion honors in the overall heifer show. The reserve champion Angus female was shown by Charles Stivers of Pittstown, N.J.

Topping the overall heifer show was Jackie Heflick of Bethel, Pa., who also took both champion and reserve honors in Hereford competition.

The Fisher brothers, Kirk and

Kent, of Oley, Pa., swept the Charolais show, taking grand and reserve honors, respectively.

In steer competition, Nicole High of Lititz, Pa., emerged victorious in the Angus show with her April purebred Angus calf named J.R. Miss High's entry then went on to be named grand champion overall. Showing the reserve champion Angus steer was Cory Eick of Newton, N.J.

A steer exhibited by Kirk Fisher took top honors in Charolais competition, and finished behind High's steer as the reserve grand champion overall. The reserve champion Charolais was shown by C.G. Higgins of Princeton, N.J.

In the crossbred steer show, Jodie Weaver of New Holland, Pa., exhibited the champion, with



Aquaculturists inspect catfish in fish raceways at Pennsylvania Power and Light Company's Brunner Island power plant near York Haven.

A new market for leaker eggs?

UNIVERSITY PARK — Leaker eggs, once considered a worthless commodity in egg production, are now the subject of research as a food for commercially grown fish.

Leakers are those shell eggs that are cracked through to the internal liquid. In combination with other inedible eggs, they total three

percent of all eggs produced in Pennsylvania, one of the top four egg-producing states in the United States.

"They are a restricted egg," says Morris G. Mast, professor of food science at Penn State, referring to the government prohibition of the eggs as a human food.

"There has been limited financial return for these inedible eggs," he says of their worth to farmers. "Some farmers and egg packers had to pay to have them removed. Others may get as much as five cents a pound for them as pet food."

Using the leakers as fish food may be a more lucrative and efficient use of these eggs, which total more than five million pounds per year in Pennsylvania.

Mast presented the findings of his several years of study on restricted egg use at the annual meeting of the Institute of Food Technologists in Atlanta on June 11.

Market-age channel catfish fed diets containing dried whole inedible egg for four months prior to slaughter were longer and heavier than catfish fed diets without eggs, Mast says.

"There was no difference in composition, moisture, fat or protein of catfish-fed diets with and without dried eggs," he adds.

Those fed either 14 or 28 percent dried whole egg produced a

yellowish skin, Mast says, but most people would not notice, he says, since the internal meat remained the same color. Most people buy catfish already filleted. A sensory evaluation performed by a panel of food science graduate students showed that the egg diet did not influence the taste of the fish.

"The bottom line," Mast says, "is that you can feed eggs to catfish and achieve the same feed conversions as commercial non-egg food—for every 1.5 pounds of feed fed, 1 pound of weight is gained."

The experiment was conducted at an aquaculture research facility adjacent to Pennsylvania Power and Light Company's Brunner Island coal-fired power plant along the Susquehanna River. The facility maintains raceways where warm-water fish are raised, Mast says.

"The next phase will be to put into practice what we've learned about stabilizing these liquid inedible eggs," says Mast. To be able to practically turn these leakers into fish food, a stabilization process must be perfected, he says. The liquid eggs would have to be held at each farm or packing plant until enough were collected to make it feasible for a truck to collect them.

"Freezing is too expensive," he says. And few companies now process leakers by drying them,

(Turn to Page D3)

Keister's holds 4th Agriculture Day



Keisters Middleburg Auction was once again a showcase for the state's agricultural commodities as owners Don and Walt Keister staged their fourth annual Pennsylvania Agriculture Day on June 11.

More than 20,000 people turned out to sample a wide variety of Pennsylvania products, and 40 buyers were on hand when the beef hit the auction block.

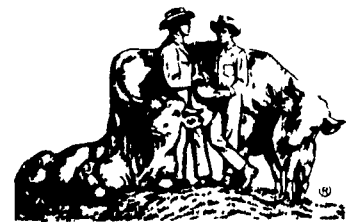
Pictured are (left) Pa. Dept. of Agriculture representative Marlin McClellan, Pa. Cattlemen's Queen Melanie Hemminger, buyer Greg Mellott of A.F. Moyer Packing and auction co-owner Don Keister. (Photo by John Stuck).

Lancaster to host Simmental Summer Conference

BOZEMAN, Mont. — For the first time, the American Simmental Association will conduct a meeting of national scope in the Northeastern sector of the country. The organization's 11th Annual Summer Conference will be held in Lancaster, Pennsylvania, July 18-20. The Americana Host Inn in Lancaster will serve as Conference headquarters.

"The American Simmental Association has a tradition of rotating the sites of our various meetings," said ASA Executive Vice President Earl B. Peterson. "Breeders who reside in Pennsylvania, New York and throughout the New England states plus other surrounding states, have an excellent opportunity to participate."

"During the Conference, ASA members will be able to meet with each of four standing committees to discuss issues," Peterson said. Standing committees that will meet during the Conference include: Growth and Development; Policies and Procedures; Ac-



tivities and Events; and Breed Improvement. Association decision-making begins with the input received by one or more of those committees, all of which are chaired by ASA Trustees.

"We are very pleased that ASA will be holding this event in our state," said Pennsylvania Simmental Association President Wayne Stough of Spring Grove. "We think the agricultural and cultural attractions of the area will be of great interest to our visitors from around the country."

Housing forms and pre-registration materials may be obtained by contacting the American Simmental Association, One Simmental Way, Bozeman, MT 59715. (406) 587-4531.