## Tested ram and ewe sale held at State College

STATE COLLEGE -Pennsylvania Agriculture Secretary Penrose Hallowell today announced the First Performance Tested Ram Lamb Sale and Invitational Ewe Sale will be held at the Pennsylvania Meat Animal Evaluation Center in State College today, starting at 12

noon. The Secretary said approximately 42 ram lambs representing ten breeds, and 44 ewes will go across the block. The performance tested ram breeds to be sold include: Dorset, Hampshire, Shropshire, Southdown, Merino, Oxford, Corriedale,

Columbia, Rambouillet and Suffolk, with the addition of Horned Dorset and Cheviots for the ewe sale. An additional attraction to this sale is the invitational ewe sale. Hallowell noted 32 lambs and 12 yearling purebred ewes will be offered.

## **Contestant at Big E**

WEST SPRINGFIELD, Mass. - A Pennsylvania resident has entered cattle in competition at the 1979 Eastern States Exposition Beef Cattle Shows scheduled during the Big E's 12-day run in West Springfield, Mass.

## Sediment causes less efficient tea kettle

MEDIA - How does your pot boil - or, does your tea kettle sound off with a loud whistle or barely gasp? The culprit might be sediment. And sediment can flake off into your tea or coffee water. Plus it greatly increases the time and therefore the energy it takes for water to boil. The solution is simple, experts suggest you can boil equal parts of white vinegar and water-simmer for ten minutes-and you'll have a more efficient tea kettle and water for tea in minutes.



He is Goraon Smith, Greenfield Farm, Landenberg, Pa., with one entry in the jackpot event and one Charolais winter heifer.

Beef cattle will be judged by breed according to the following schedule: Angus, Thursday, Sept. 13 at 9:30 a.m.; Charolais, Thursday, Sept. 13 at 9:30 a.m.; Hereford and Polled Hereford, Saturday, Sept. 22 at 8:30 a.m. All events will be held in Mallary Arena.

A total of \$1,500 will be awarded for the Angus show. \$900 for the Charolais competition (20% con-

tributed by the American International Charolais Association), and \$4,500 for the Hereford and Polled Hereford event (25% donated by the American Hereford Polled Association).

Other livestock competitions will include a "Big E" Steer Jackpot Show on Saturday, Sept. 15 at 6:30 p.m. in Mallary Arena. A total of \$1.650 donated by the Eastern States Exposition will be awarded for this competition, plus a jackpot in which exhibitors con-tribute \$15 for each steer they enter in the show.

"This performance tested lambs' performance test ram lamb sale was initiated by the request of sheep producers across the state, the Secretary said. "Producers will have an opportunity to buy sound, performance tested rams that are ready to go into the flock for the fall breeding season," he added.

Fifty-six ram lambs were put on an 80-day test from May 25 to August 13 at the Agriculture Department's Meat Animal Evaluation Center at State College. "During that controlled period," Hallowell said, "the average daily gain of all rams was .73 pounds. The average daily gain ranged from .58 to .99 pounds.

"Prospective buyers will be able to compare each ram

records for weight gain, loin eye area, fat thickness, type score and index." Hallowell noted through ultrasonic scanning of loin eye area, the lambs to be sold range from 3.83 square inches to 1.53 square inches.

Hallowell said careful selection of a new stud ram' is a major part of overall flock management. "The genetic potential of a flock can be drastically improved with a stud having good composition of growth with the least amount of fat." Approximately 87 percent of the genetic makeup of a lamb comes from the last three generations of rams used.

Good management and economics show that increased growth rates mean a

shorter feeding period because sheep gaining weight faster usually convert feed more efficiently.

"The sheep industry in Pennsylvania is striving to concentrate its efforts on more efficient production of a high quality product," he said. "A ram purchased for its high performance record is much more valuable than one purchased for its pedigree or show winnings."

The Performance Tested Ram Lamb Sale and Invitational Ewe Sale are sponsored by the Pennsylvania Department of Agriculture in cooperation with the Pennsylvania State University and the Pennsylvania Sheep and Wool Growers Association. Lunch and trucking will be available.





