Holden Assistant Professor

UNIVERSITY PARK (Centre Co.) — Lisa A. Holden has been named an assistant professor of ruminant nutrition at Penn State.

Her extension responsibility will include educational programs in ruminant nutrition and forage systems, with initial emphasis on grazing systems and leadership of a statewide integrated dairy management curriculum in cooperation with other University and county personnel. Her research program will focus along the same lines.

Holden received a bachelor's degree in animal bioscience from The Pennsylvania State Universi-



Lisa Holden **Assistant Professor**

FRI., JULY 1ST

"NEW TIME"

11:30 AM

WESTMINSTER

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ty in 1988, and a master's degree in animal science from the University of Maryland in 1990. Her research at Maryland dealt with ruminal fiber digestion and particle size reduction in dairy cows and with digestion and utilization of alfalfa and orchardgrass.

Holden's doctoral research centered on optimizing protein utilization by high-producing Holstein cows grazing grass pasture; developing supplementation strategies for grazing dairy cows; and estimating dry matter intake by cows on pasture. She earned her doctrate in animal science from Penn State in 1993.

As a graduate student at Penn State, Holden finished second in a field of 16 nationwide for a paper she presented in the student paper competition at the annual meeting of the American Dairy Science Association. She also was one of the first recipients of a John O. Almquist Graduate Student Award and received the University's Graduate Assistant Award for Outstanding Teaching.

During the past 18 months, Holden has served in Penn State's Department of Dairy and Animal Science as coordinator of the Dairy-MAP program, designed to teach management skills to Pennsylvania dairy producers in a workshop format. Roughly 365 people have participated in the program.

Register

SAT. JUNE 25 - 8:30AM, Farm Machinery & Tools. Located Allen Nixon Residence, Birmingham Arneys Mt. Road Off Rt. 630, Pemberton, N.J. Allen Nixon, Auct. & Appraiser.

SAT. JUNE 25 - 5PM Estate of Hallie L. Campbell of Bel Air & Others. Havre DeGrace Community Center, Harford Co., Md. approx. 2 mi. E. of I-95 (Exit 89) on Rt. 155, make left on Graceview Dr. & go past Elem. school to community center. Approx. 1 mile W. of Rt. 40. Williams Auction Service.

Holden is a member Public Auction of the American Dairy Science Association, American Society of Animal Science, American Forage and Grassland Council, Alpha Zeta, and Gamma Sigma Delta.



MIDDLE ATLANTIC **MILK MARKETING** ASSOCIATION, INC.

EQUIP., 40' INSULATED TRAILER Sat., July 16 at 10 A.M. Located at 523 Swamp Pike, between Limerick & Gilbertsville, across the street from Chiccarine's Restaurant.

Butcher Boy mod B-16 all SS meat band saw: Hobbit 5 hp mod 4612 SS meat grinder; Biro 3 hp SS meat grinder; Toledo 3/4 hp meat grinder; Hollymatic patty mach; Berkel 3/4 hp auto stacker; Detecto 60 lb. platform scale; 500 lb platform scale; Toledo 6 lb portion scale; Wellsaw splitting scale w/short & long blades, inc: beef splitting blade; Gibson 31 cu ft freezer; Kelvinator 2 dr 50 cu ft self contained freezer; Frig 16 cu ft freezer; 3 lg chest freezers; Jay electronic cash register; 6 SS wies 1 w/wrappers, mostly 5' & 6' lengths; 3 roll around racks; 3 roll around carts; 1/2 hp elec beef hoist; Copeland 8'x8' walk in cooler w/overhead track; Copeland compressor & Kramer defuser; 3 beef & 1 deer skinning bucks; 10 tempering bskts; saws; skinning & cutting knives; nice lg knife chest; misc paper roll disps; strainers; pans; up to 18' long, 8" soil pipe; 8'x11' refrig van body on port chassis; plus other numerous items.

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