

Penn State Names Ag Science Interim Department Heads

UNIVERSITY PARK (Centre Co.) — Interim heads have been named for the agricultural and biological engineering, agricultural economics and rural sociology, and veterinary science departments in Penn State's College of Agricultural Sciences.

Dr. Milton Hallberg, professor of agricultural economics, has been named interim head of the Department of Agricultural Economics and Rural Sociology. He replaces Dr. Theodore Alter, who was named interim dean of the college in June. Hallberg previously served as interim department head during 1993 and 1994.

Hallberg teaches graduate and undergraduate courses focusing on agricultural policy, international trade and marketing. He also has taught courses in econometrics and mathematical methods applicable to economic analysis.

Hallberg joined Penn State in 1965. When he arrived, much of the quantitative work in the

department was being performed on mechanical calculators. To remedy this, Hallberg developed a comprehensive software package that facilitated his own and his colleagues' research. His expertise played a key role in bringing the computer revolution to the department.

Much of his past research has focused on U.S. dairy policy, foreign trade, international agriculture and the impact of biotechnology on the farm sector. His current research includes a pioneering interdisciplinary effort to econometrically model Pennsylvania's food system in order to better understand various economic linkages and their impacts throughout the system.

Hallberg was raised on a farm in Illinois. He received his bachelor's and master's from the University of Illinois and earned a doctorate in agricultural economics from Iowa State University.

Dr. Harvey Manbeck, distin-

guished professor of agricultural engineering, has been named interim head of the Department of Agricultural and Biological Engineering. He replaces Dr. Dennis Buffington, who will remain at the university as a professor of agricultural engineering, conducting education and research programs in agricultural systems management.

Manbeck teaches undergraduate and graduate classes in agricultural and biological engineering. His research focuses on utilizing Pennsylvania hardwood for structural applications such as bridges and construction timbers, and on controlled environments for poultry and livestock.

Manbeck was an assistant and associate professor in the Department of Agricultural Engineering at the University of Georgia prior to joining the Penn State faculty as professor in 1980. From 1975 to 1977 he was an associate professor and extension agricultural engineer at Ohio State University.

Manbeck earned his bachelor's and master's in agricultural engineering from Penn State in 1963 and 1965, respectively, and

received his doctorate in agricultural engineering from Oklahoma State University in 1970.

He is a member of the American Society of Agricultural Engineers, the American Society of Civil Engineers, the Forest Products Research Society, Sigma Xi and Gamma Sigma Delta, the national honorary agricultural fraternity.

Dr. Gary Perdew, professor of veterinary science, has been named interim head of the Department of Veterinary Science. He replaces Dr. Channa Reddy, who retains his appointment as distinguished professor of veterinary science.

Perdew teaches courses in biochemical and molecular toxicology. His current research focuses on the toxicity of dioxin and related compounds and how

kinases are regulated through interactions with heat shock proteins.

Perdew was an associate professor in the Department of Foods and Nutrition at Perdue University prior to joining the Penn State faculty in 1995. From 1984 to 1987, he was a National Institutes of Health postdoctoral fellow in the Department of Oncology at the University of Wisconsin.

He earned his bachelor's and master's in food science from the University of Maryland and his doctorate in food science from Oregon State University, where he received a Chiles Foundation Graduate Fellowship.

He is a member of the NIH Toxicology Study Section and sits on the editorial boards of the journals Toxicology Letters and Toxicology and Applied Pharmacology.

Nominees Sought For Maryland

ANNAPOLIS, Md. — Maryland Secretary of Agriculture Lewis Riley has announced that the search for 1997 Maryland Agriculture Hall of Fame nominees has begun.

This award, created in 1991, honors leaders in the agriculture industry who exemplify high standards of achievement and commitment to the community.

"The Maryland Agriculture Hall of Fame is one of the highest honors we have in Maryland to honor the tremendous farm families of our state. I hope we receive many nominations this year and that the competition is stiff," Riley said.

Nominating committees have been established in each county throughout the local cooperative extension service office. A governor's selection committee chaired by the Maryland Secretary of Agriculture will review all county nominations and select award winners.

Gov. Parris N. Glendening will induct the winning families into the Hall of Fame at the annual Maryland Agricultural Dinner scheduled for Feb. 6.

The Maryland Department of Agriculture has established an alcove where the perpetual award and the photographs of the past honorees may be viewed by the public. This highly visible display is located in the Wayne A. Cawley Jr. Building at 50 Harry S. Truman Parkway, Annapolis, Md., on the first level.

For more information on the selection process and the name of the coordinator in your county, please contact Lester Jones at the Maryland Department of Agriculture, Marketing Services on (410) 841-5770, or contact your county extension office.

MILK
AMERICA'S HEALTH KICK

Calf-tel

100,000 STRONG

To celebrate this achievement
Lance Hampel, Hampel Corp President
is pleased to announce -- "The mold is paid for"
SPECIAL PRICE

\$249-239-229-219-209-199...

SATISFIED CUSTOMERS OWN 1 TO 700
Volume Discounts Apply
Leasing Available

Calf-tel

For more information, the
location of your local dealer or
to place an order please call
Brian at: 1-800-558-8558

World Wide Leader in Quality Isolation Calf Housing



Did You Know?

University tests and tens of 1,000s of satisfied dairy producers have proven isolation calf housing, hutches, are absolutely the best way to raise healthy calves. Progressive dairy producers do not sacrifice calf health for personal convenience

Calf-tel is the only thermoformed hutch. Thermoforming is a process that imparts strength to the polymer like forging does to steel. Rotocasting, a process used by all other plastic hutch manufacturers, creates a weaker, less durable product that is prone to cracking

Calf-tel is the only hutch manufactured with completely opaque material to effectively eliminate the green house effect. This heat trapping effect overheats calves when temperatures climb above 80° F and also causes uncontrollable temperature swings daily when temperatures drop below freezing. Over 100,000 Calf-tels are helping raise healthier, growther calves worldwide from Florida through the sunbelt to California


Washington across the dairy belt to New England and in 20 foreign countries

Calf-tel is the only hutch made of high molecular weight polyethylene plastic with a high load UV blocking pigment. This quality material enables Hampel Corp. to warranty Calf-tel for ten years, the longest in the calf hutch industry

Long after competitive hutches are discarded, used Calf-tels sell from \$125 to \$200 each—even after ten years of use. Such a high residual value decreases cost per hutch to as low as \$12 per year

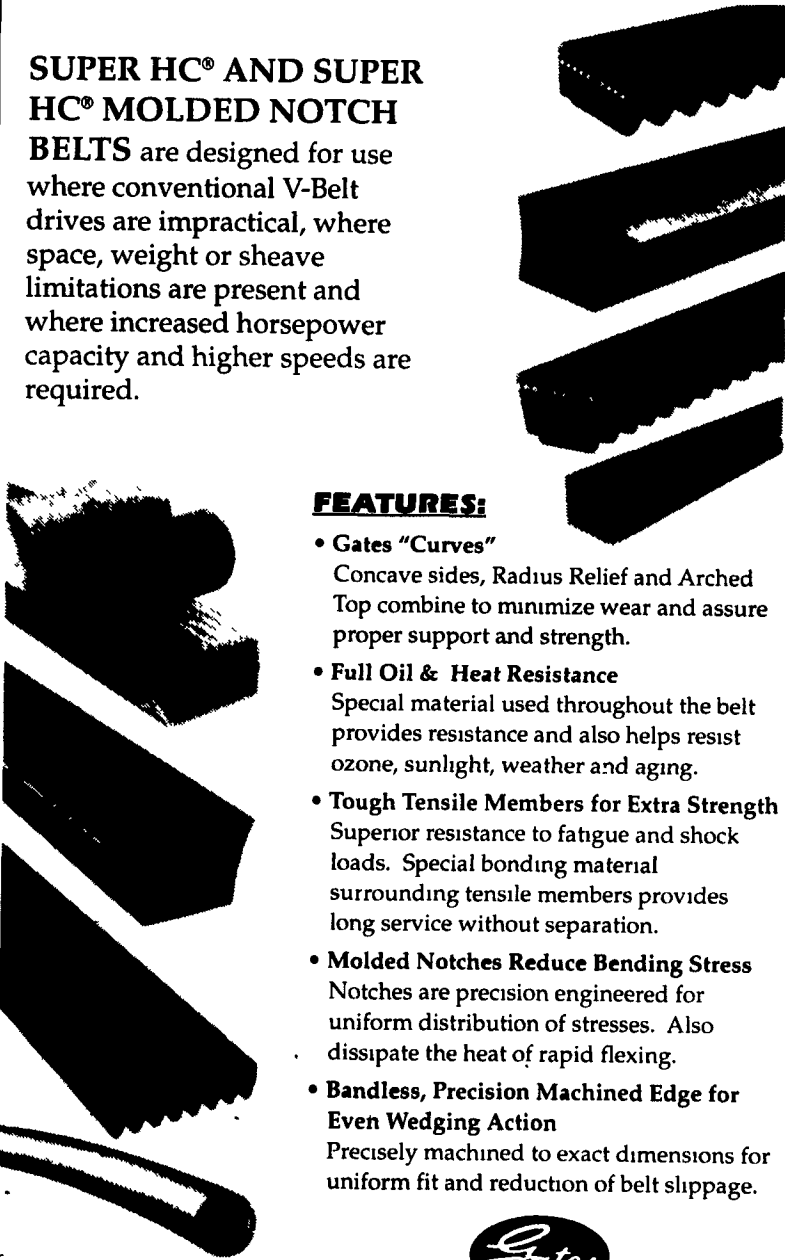
When operator comfort is a concern, creative dairy producers have provided covered service alleys or placed Calf-tels in two or three sided shelters during inclement times.

Watch this space for future calf rearing tips




Not Just Another Belt!

SUPER HC® AND SUPER HC® MOLDED NOTCH BELTS are designed for use where conventional V-Belt drives are impractical, where space, weight or sheave limitations are present and where increased horsepower capacity and higher speeds are required.



FEATURES:

- **Gates "Curves"**
Concave sides, Radius Relief and Arched Top combine to minimize wear and assure proper support and strength.
- **Full Oil & Heat Resistance**
Special material used throughout the belt provides resistance and also helps resist ozone, sunlight, weather and aging.
- **Tough Tensile Members for Extra Strength**
Superior resistance to fatigue and shock loads. Special bonding material surrounding tensile members provides long service without separation.
- **Molded Notches Reduce Bending Stress**
Notches are precision engineered for uniform distribution of stresses. Also dissipate the heat of rapid flexing.
- **Bandless, Precision Machined Edge for Even Wedging Action**
Precisely machined to exact dimensions for uniform fit and reduction of belt slippage.


The world's most trusted name in belts and hose.

BUSINESS OPPORTUNITY

Are you looking for an opportunity to market a quality belt at a competitive price? Join the leading team in belt marketing today. Call Jay Laughman to discuss several dealership options.

Beiler Hydraulics
HYDRAULICS • PNEUMATICS • POWER TRANSMISSION
440 Concrete Ave. • Leola, PA 17540 • 717-656-4878 • Fax 717-656-4682

