

## Penn State Ag Engineers Win Awards

UNIVERSITY PARK (Centre Co.) — Several Penn State students and faculty received awards at the annual meeting of the American Society of Agricultural Engineers. This year's meeting was held in Quebec in June.

Bradley W. Wright, doctoral candidate in agricultural engineering; Dr. Harvey Manbeck, professor of agricultural engineering; and Steven Shaler, instructor of forest resources, received an ASAE Paper Award—Honorable Mention for the refereed publication, "Performance of Glue-Laminated Preservative-Treated Columns," published in the Transactions of the ASAE. Wright wrote the paper based on his master's thesis research which he completed at Penn State. No more than 2.5 percent of all papers published in the Transactions received an ASAE Paper Award or an honorable mention.

Dr. Robert Graves, professor of agricultural engineering; Patrick Richie, multi-county extension agent based in Berks County; and Manbeck received a blue ribbon award for their extension circular,

"Constructing Cage Layer Houses for Cleaning Ease." The blue ribbon award is given for extension educational materials that receive a score of 90 percent or higher by a group of peer judges.

Martin Sailus, manager of the Northeast Regional Agricultural Engineering Service; Dr. Wilmot Irish, professor of agricultural engineering at Cornell University; and Graves received a blue ribbon award for the NRAES publication, "Planning Dairy Stall Barns."

Louis A. Kopczyk, a May 1989 B.S. graduate of agricultural engineering, received a blue ribbon award for the computer program, "Vegetated Parabolic Waterway Design." He was advised on the project by Dr. James H. Hamlett, assistant professor of agricultural engineering.

Timothy S. Stombaugh, another May 1989 graduate, received the ASAE Student Honor Award. The award recognizes outstanding scholarship and general participation in student activities. The recipient is elected by his or her respective ASAE student organization. The award is then pre-

sented if the selected recipient meets the national standards. Only 20 student honor awards were given to agricultural engineering students throughout the United States at this year's meeting.

"I am very pleased that these

faculty and students were recognized by ASAE for their outstanding contributions," says Dr. Dennis Buffington, professor and head of Penn State's department of agricultural engineering.



## AGRI-INC. Custom Built Farm Buildings Designed To Your Needs

### Specializing In Dairy Systems:

- Dairy Complexes And Replacement Stock Facilities
- Horse Stall Barns And Riding Arenas
- Workshop And Machinery Storage Buildings
- Timber Column Buildings For Light Commercial

Let Our Experience Work For You -  
**CALL NOW**



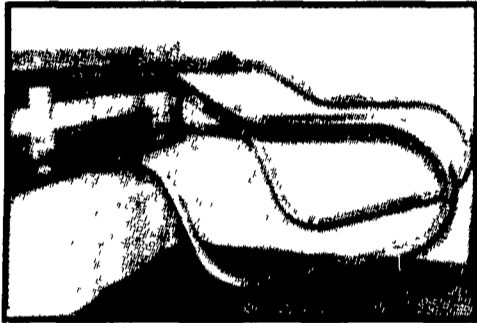
**AGRI-INC.** The Construction Professionals

R.D. 4, Ephrata, PA 17522 • (717) 354-4271

Serving The Agricultural Industry For Over 20 Years



### "The Ultimate Comfort Stall"



**NORBCO  
EUROBEND**

**Free Stall**

An Exciting new innovation in free stall design.

**NORBCO INC.**

P.O. BOX 370, Westmoreland, N.Y. 13490  
TEL. 315-853-3936

### Health Insurance

Monthly Rate For Rural PA

0-39 . . . \$185/Family - \$81/Single  
40-54 . . . \$215/Family - \$99/Single

Milk Check Deduction Available

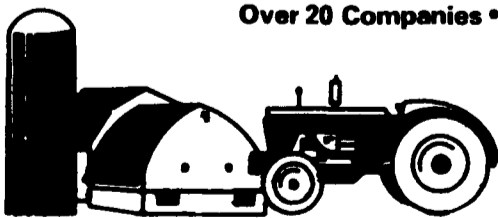
### INDEPENDENT ASSOCIATES OF PA., INC.



The One Stop Insurance Service Agency  
For All Your Farm Insurance Needs

- Competitive Rates •
- Independent Agents Representing  
Over 20 Companies •

Auto  
Fire  
Liability



Life  
Group  
Health  
Home  
Workmen's  
Comp.

Life • Health • Farm Owners • Crop  
Local Agents To Serve You Better

CONTACT THE ONE IN YOUR AREA TODAY  
OR CONTACT OUR CUSTOMER SERVICE NUMBER  
1-800-922-1974

Merle Graves  
Pott. Tioga  
& McKean  
814-697-8687

Sidney Noakes  
Somerset  
814-448-4714

Robert Beach  
Bedford Fulton  
Huntingdon & Blair  
814-768-2264

Frank Mitchell  
Mifflin Centre Juniata  
& Huntingdon  
717-248-2418

Sue Ann Mitchell  
Mifflin & Centre  
717-248-6224

Willbur Miller  
Crawford  
814-724-2780

Paul Wicks  
Somerset  
814-443-2843

Keith Moyer  
Westmoreland  
412-888-2121

Lynn Sill  
Frie & Warren  
814-864-4041

Gary Rhoades  
Clarion Venango  
& Forest  
814-787-8883

Preston Juswiak  
Butler Mercer  
Armstrong Beaver  
& Luzerne  
412-482-2700

## GLENWOOD METAL FORMING

809 Glenwood Drive, Ephrata, PA 17522

717-733-9590

All Panels Cut To Length -  
Coverage 36" Width

### Roofing And Siding

29 Gauge Galvanize      29 Gauge Painted  
26 Gauge Galvanize      26 Gauge Painted

### A New Product In Our Line

Standing Seam Roofing Manufactured at the job site. Suitable for flatter roofs with 4 to 5 ft. perlin spacing and 80 lb. per sq. ft. weight rating.

### We Also Stock The Following Items:

Pre-Hung Doors      Ridge Vents  
Agri Build Windows      Ridgolators  
Roll Door Track, Trolleys and Hardware

### SPECIALS WHILE SUPPLIES LAST

29 Gauge Painted Sun Gold or Dark Brown  
\$40.00 Per Sq. or 1.20 Per Lin. Ft.  
26 Gauge Galvalume  
\$39.00 Per Sq. or \$1.17 Per Lin. Ft.