



American Cyanamid Dedicates Research Facility

PRINCETON, N.J. — American Cyanamid's Agricultural Products Research Division (APRD) held an official dedication of its newly constructed Greenhouse Support Facility.

The facility will allow Cyanamid researchers to evaluate compounds under carefully controlled conditions and increase the productivity of their discovery efforts.

Highlights of the ceremony included a keynote address by John R. Stafford, chairman, president, and chief executive officer of American Home Products Corporation, the parent company of American Cyanamid.

"The Greenhouse Support Facility will play a significant part in

helping Cyanamid meet the major agricultural challenge of the 21st century: ensuring an affordable and abundant food supply for a growing world population while preserving the environment," he said.

Features of the new facility include automated soil-handling and dispensing equipment that allows a larger quantity of plants to be tested at one time. As a result, researchers can assess results in a timely manner. The new facility also contains three multi-purpose treatment areas, 15 individual growing zones with environmental control functions, and a number of environmental chambers. These features permit year-round greenhouse evaluation of new crop protection products.

Wirt Joins Farm Credit

LEWISBURG (Union Co.) — Timothy O. Wirt of Milton was recently hired by Farm Credit as a financial management service specialist.

Wirt will serve clientele in an 11-county region, which includes Centre, Clinton, Columbia, Juniata, Luzerne, Lycoming, Mifflin, Montour, Northumberland, Snyder, and Union counties.

The products and services which Wirt will deliver include

financial accounting and record keeping, tax planning and preparation, payroll preparation, financial software sales and support, and business management counseling and advice.

Wirt is a graduate of Lock Haven University where he majored in accounting and business management. He was most recently employed by an accounting firm as a senior supervising accountant.

U. of Pa. Recognizes Commercial Company

PRINCETON, N.J. — Church & Dwight Co., Inc., was recently recognized at The Marshak Dairy Facility dedication for the company's \$50,000 contribution toward construction of the first solar dairy barn in Pennsylvania.

The barn, located at the University of Pennsylvania's Center Animal Health and Productivity at New Bolton Center, will serve as a living laboratory for the School of Veterinary Medicine.

According to Dr. Kenneth Cummings, technical director for Church & Dwight's Ag Products Group, the contribution is part of the company's ongoing support of the dairy industry.

"It's been a pleasure to be associated with the University of Pennsylvania, and this is just one more way Church & Dwight is showing its commitment to the future of the dairy industry."

The \$1.5 million Marshak Dairy Facility, named after Dr. Robert Marshak, emeritus dean of the School of Veterinary Medicine, consists of 160 freestalls, 48 tiestalls for nutritional studies, and a double-10 herringbone milking parlor.

Solar barns are energy efficient, naturally bright and easier to keep

dry, which are all essential conditions for productive dairy herds. The barns, more common in northern states and Canada, are cost effective in terms of labor and building expense.

Dr. David Galligan, associate professor of animal health economics, said "The shell of the building is premanufactured as a solar agricultural building - in essence, a plastic greenhouse." To adapt to climate changes, the sides of the building can be rolled up during the summer to facilitate cross ventilation.

The facility will be used as a research and teaching site for areas of study such as preventative medicine, nutrition, reproduction, infectious and chronic diseases, and dairy cattle health economics.

Dr. William Chalupa, professor of nutrition at the School's Center for Animal Health and Productivity, said "The facility is a commercial dairy barn with modifications for extensive and intensive research. We recognized that in order for us to do relevant research we needed an environmental setting that emulates the real world."

Church & Dwight was one of five major contributors to the facility.

Lepley Promoted To President Of Hoffman Seeds



Fred Lepley

LANDISVILLE (Lancaster Co.) — Fred Lepley was recently promoted to president of Hoffman Seeds, Inc. He had been serving as executive vice president and chief operating officer.

Lepley joined Hoffman Seeds in 1981 as assistant to the company's former president, J. Richard Godshalk. He has served in various positions since then, including director of farm seed operations, vice president and director of sales and marketing, and executive vice president and chief operating officer.

"Fred has been an integral factor in the success of Hoffman Seeds," said George Ewing, chairman of the board and chief executive officer. "This promotion will

give him even more control of the company's future direction."

During his tenure, Lepley has been instrumental in expanding the company's soybean offering, improving testing and evaluation programs and improving seed production. Under his guidance, Hoffman has made substantial gains both in market share and in total units sold across all major seed categories.

In his new position he will focus on the company's overall business activities while increasing his exposure to the overall seed trade.

Lepley is a graduate of Penn State with a bachelor's degree in agronomy.

Mid-Sized Rectangular Baler Recognized



The Case IH 8575 mid-sized baler was recently named among the top 50 products of 1996 by Resource magazine. The award, known as the AE50, is given out for "worthwhile contributions to the advancement of engineering technology." The 8575 is designed for high productivity and durability, especially in high-moisture crops.

RACINE, Wis. — The Case IH 8575 mid-sized baler was recently named among the best new products for 1996 by Resource magazine for its "worthwhile contribution to the advancement of engineering technology."

A panel of eight judges, all members of the American Society of Agricultural Engineers, reviews

nominations from component suppliers, equipment manufacturers and systems developers representing many different industries before it selects the top 50 to receive the AE50 Award.

"The 8575 was designed for high productivity and durability, in both conventional dry and high-moisture crops," said Bruce Spidle, Case product and marketing manager for livestock production equipment. "Innovative engineering and superior manufacturing have always been the keys to our success. Our engineers are constantly on the leading edge in developing high-quality, high-production hay equipment with designs like the 8575."

Key features of the 8575 include heavy-duty drive and feeding components, making it ideal for high-load silage baling and providing added performance and durability in normal dry-baling conditions.

The heavier stuffer and drive components work together to create a machine built to withstand the rigors of baling heavy, wet silage type hay.

"High-moisture crops can put a lot of stress on a baler," said Spidle. "Fortunately, since the intro-

duction of the 8575, farmers have the choice of purchasing a machine designed to handle wet silage bales as well as it handles normal dry hay."

Optional hydraulic bale-ejector and roller-chute attachments are available to allow the operator to remove the last bale from the chamber.

"A farmer has the option of leaving the last bale in the field where it was baled before going on to the next field," said Spidle. "These features are especially beneficial when baling silage because the bales need to be wrapped for preservation. They are also becoming preferred options for custom operators who want to leave all of a customer's hay in the field."

For even greater productivity, Case is adding two new machines to its hay and forage line for 1997, both will work in conjunction with the 8575. The 8576 bale accumulator allows grouping of up to four bales in strategic locations, decreasing bale retrieval time and field compaction. The 8650 bale wrapper allows the operator to quickly and efficiently wrap silage bales to ensure proper fermentation.

Tractor Maintenance Tips Provide Top Winter Performance



Winter months can cause undue stress to a tractor unless the proper maintenance procedures are followed. Here, a Case IH Magnum™ tractor is being serviced to ensure that performance doesn't drop when the temperature outside does.

RACINE, Wis. — Gone are the days when doctors made house calls on snowy nights.

So, too, are the days when tractors needed only some antifreeze and a full tank of fuel to stay in top form all winter long.

According to Joe Safransky, product performance manager, Case IH Magnum™ tractors, the modern, sophisticated workhorses on farms today, are just as sus-

ceptible to winter maladies as their predecessors.

"By following a few, simple maintenance steps, farmers can help their tractors get through the cold season without a hiccup," he said.

Below, Safransky prescribes the winter tractor-care precautions for the engine, electrical, fuel and transmission systems. But, he cautions, winter is not the only time for tractor checkups.

"Specific steps must be taken for cold-weather operation. However, following the service intervals outlined in the operator's manual throughout the year is the best preventative medicine.

Engine system:

- Check the concentration of antifreeze to provide adequate low-temperature protection. A 50-percent ethylene glycol mixture is recommended.

- Verify the block heater is in good working order. Don't have a block heater? See your local equipment dealer. Block heaters are available through the parts system and are easily installed.

Electrical system:

- Check the electrolyte level on low-maintenance batteries every 250 hours.

- Clean the battery terminals and make sure batteries are fully charged.

- Check the condition of the alternator belt and replace if cracked or frayed.

- Inspect wiring for cracks, frayed insulation or corrosion.

Fuel system:

- Using the fuel tank's water-drain valve, drain off any condensation and sediment.

- Consider changing to a lighter, winter-blend diesel fuel that is less likely to gel when the temperature drops below freezing.

Transmission system:

- Check the transmission oil level.

- Install a transmission oil heat maintainer to keep the oil warm for improved cold-temperature starting.

- To avoid costly emergency care, consult the operator's manual regularly, make routine checkups, and pay close attention to the four major systems most susceptible to the winter blahs.