

Grim Joins Keystone Staff

LANCASTER (Lancaster Co.)—Gavin G. Grim recently joined the staff of Keystone Farm Credit as a field representative. He will work in the Tatamy office of the Lehigh Valley branch. The announcement was made by Ed Buss, branch manager.

A native of Mertztown, Berks County, Gavin was raised on a grain and livestock farm where he assisted with all aspects of the operation. He was graduated from Brandywine Heights High School and attended Alvernia College where he obtained his bachelor's degree in accounting. Most recently, Gavin worked as the parts manager for Lehigh Ag Equipment.



Gavin G. Grim

Case Elects Two To Directors

RACINE, Wis.—Case Corporation recently elected Thomas N. Urban, chairman and chief executive officer of Pioneer Hi-Bred International, Inc., and Jeffrey T. Grade, chairman and chief executive officer of Harnischfeger Industries, Inc., to its board of directors.

"We are extremely pleased to add directors the stature of Tom Urban and Jeff Grade," said Jean-

Pierre Rosso, Case president and chief executive officer. "Tom and Jeff's backgrounds make them ideal candidates for Case's board and I am confident both will be assets to us as we seek to further improve our performance and prospects."

Urban has served in executive positions with Pioneer since 1974 and was appointed chairman and chief executive officer of the \$1.5

billion seed company in 1984. He is retiring from Pioneer and has announced plans to teach at the Harvard Business School. Urban, who has both undergraduate and MBA degrees from Harvard, also serves as a director of Equitable of Iowa Companies and Sigma Aldrich.

Grade has been chairman and chief executive officer of Harnischfeger since 1993. He is also a director of Coeur D'Alene Mines Corporation, Crucible Materials Corporation, and Measurex Corporation.

With the addition of Urban and Grade, the Case board has now expanded to eight members.

Mackey, Pfund To Head Genetics Research

DEKALB, Ill.—Dekalb Genetics Corporation announced today that Catherine Mackey and John Pfund have both been promoted to the position of vice president, research, and will together lead the company's integrated seed research organization.

Previously, Mackey was director of Dekalb's Discovery Research, the company's biotechnology program, and Pfund was director, research, heading up Dekalb's conventional corn breeding program in the 110RM and earlier maturities.

Under the new structure, Mackey and Pfund will share responsibility for Dekalb's corn breeding stations worldwide. Mackey will also continue to head biotechnology research and Pfund will also

lead research for soybean, sorghum, alfalfa, and sunflower.

Pfund joined Dekalb in 1975 as a corn breeder and has served in positions of increasing responsibility. In 1989, he was named associate research director and he then became director of agronomic services in 1993. In 1994, he was promoted to a director of research. Pfund earned his doctorate and a master of science degree in plant breeding from the University of Minnesota in Minneapolis.

Mackey joined the company as a laboratory research scientist in 1982 and advanced through the biotechnology research organization. She was named director of Discovery Research in 1990. Mackey received her doctorate in molecular genetics from Cornell University.

Governor Requests Aid For Md. Farmers

ANNAPOLIS, Md. — Governor Parris N. Glendening requested a disaster designation for farmers in 12 Maryland counties who have suffered an estimated 40 percent or more in crop losses this summer because of drought and heat in July and August.

Crop losses were particularly bad in soybeans and corn for grain. The counties Governor Glendening has requested help for are Wicomico, Worcester, Somerset, Dorchester, Talbot, Queen Anne's, Caroline, St. Mary's, Charles, Calvert, Anne Arundel, and Prince George's.

The governor made his request in a letter forwarded to U.S. Secretary of Agriculture Dan Glickman after receiving county-by-county damage assessment reports from the U.S. Department of Agriculture's Consolidated Farm Service Agency.

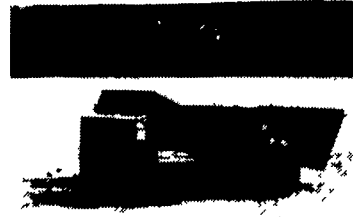
"I am asking Secretary Glickman to declare portions of Maryland a disaster for the purpose of qualifying hundreds of hard-hit Maryland farmers for low-interest emergency loans from the U.S. Department of Agriculture," said Glendening.

New Model To Spreader Line

BRODHEAD, Wis.—Knight Manufacturing Corporation has introduced the new 8014 ProTwin Slinger. This new side discharge spreader is available as a single or tandem axle unit.

The struck level capacity is 1,400 gallons or approximately 300 bushels heaped.

The patented twin auger design features a 20 inch left auger that moves material forward to 12 forged-steel discharge hammers.



This new side discharge spreader is available as a single or tandem axle unit.

The struck level capacity is 1,400 gallons or approximately 300 bushels heaped.

The slightly raised 18 inch right auger moves material rearward while keeping the left auger evenly charged with material, reducing pressure and overloading of material at the front of the machine.

The 8014 joins the 8018, 8024, and 8030 ProTwin models with capacities ranging from 1,240 to 3,080 gallons. These units handle the heaviest pen pack material with ease.

Company Allowed Patent Claims

DEKALB, Ill.—Dekalb Genetics Corporation said that it has received notice of allowance from the U.S. Patent and Trademark Office for claims to corn cells that have been transformed via electroporation technology.

Electroporation, a method of introducing foreign genes into corn cells with an electrical pulse, is an alternative to introducing foreign genes with a gene gun.

"Electroporation is a viable means of producing genetically transformed, fertile corn plants, and we expect these patent claims to offer licensing opportunities," said Bruce P. Bickner, Dekalb's chairman and chief executive

officer. "These claims are also significant because they broaden the scope of a patent on the electroporation process to make transgenic corn that Dekalb received earlier in the year."

In January 1995, Dekalb was awarded a U.S. patent (#5,384,253) for a method of producing genetically transformed corn with electroporation. The two patent claims go hand in hand, covering both the electroporation method itself and the resulting transformed cells that make up a corn plant.

Separately, Dekalb announced it has recently been awarded patent #5,445,961 for a method of producing fertile corn plants from microspores, which are immature pollen grains. Microspores are an important target for transformation because they enable direct selection of recessive traits and reduce the number of subsequent breeding steps to develop commercial corn hybrids. "This patent reflects another aspect of our patent portfolio, which includes some of the technologies—such as tissue culture—that underlie genetic engineering," Bickner said.

Cargill To Distribute Insect-Resistant Hybrids

MINNEAPOLIS, Minn.—Cargill Hybrid Seeds and Mycogen Plant Sciences have entered into a distribution agreement through which Cargill dealers will distribute Mycogen's NatureGard™ insect-resistant hybrid seed corn for planting in 1996.

On Aug. 8, Mycogen received Environmental Protection Agency approval to market corn hybrids genetically engineered with a Bt gene to produce a protein that protects them from both first and second brood European corn borer. Cargill will distribute the first of

these new hybrids, NG7059, under the Mycogen label.

James Hopkins, vice president and general manager of Mycogen Plant Sciences, said that Cargill's strong distribution network in the western corn belt, where corn border damage costs farmers hundreds of millions of dollars in yield losses each year, makes the distribution arrangement attractive to Mycogen.

"This will enable us to bring these new insect-resistant products to more farmers sooner than we could working alone," Hopkins said.

Ag Secretary Alerts Consumers To Firewood Regs

HARRISBURG (Dauphin Co.)—When buying firewood, consumers should be careful to make sure they don't get stuck with the short end of the stick, according to Agriculture Secretary Charles C. Brosius.

"Firewood must be sold by the cord, or some fraction thereof," Brosius said. "Consumers should be aware that the amount of firewood they're buying must conform to a specific measurement standard."

A cord of firewood must equal 128 cubic feet. For example, a neatly stacked rack of firewood measuring 4 feet high, 4 feet deep, and 8 feet long would measure 128 cubic feet, thus constituting a cord. One-half cord would measure 64 cubic feet.

Suppliers of firewood must provide buyers with an invoice listing the full name and address of the supplier, along with the amount paid.

Small bundles of firewood sold at campgrounds or retail stores

must be sold by the cubic foot. Invoices are not required for these sales.

The department's Bureau of Ride and Measurement Standards is responsible for the regulation of quantity in firewood sales.

For more information about the sale of firewood, or to register a complaint against a supplier, contact the department's Bureau of Ride and Measurement Standards, 2301 North Cameron Street, Harrisburg, PA 17110-9408, (717) 787-9089.

Badger Northland Honors Show Ease

K A U K A U N A , Wis.—Show-Ease Badger, Inc., Lancaster, Pa. has been named to the 1994 Badger Northland President's Club. The President's Club consists of the top 10 performing dealers in North America.

The presentation was made by Badger's Vice President, Sales and Marketing Stan West and President and CEO Bob Hartssock during a banquet held recently at

Baileys Harbor Yacht Club in Baileys Harbor, Wis. Accepting the President's Club Award were John and Betty Krieder and John and Carolyn Krieder of Show-Ease.

Badger Northland's President's Club honors this select group of 10 from a dealer organization of more than 400 based upon their sales volume of Badger products during the previous year.