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Polaris Dealership Changes Ownership

ELIZABETHTOWN (Lancaster Co.) — On Oct. 9, Hernley's Farm Equipment, Inc. became the newest Polaris ATV, snowmobile and ranger dealer in Lancaster County.

Hernley's purchased the business from J & H Cycle Accessories, Inc. of Mount Joy.

Jason and Harry McClenaghan, former owners, began their business in 1983, offering motorcycle repairs and accessories. In 1987, they became a full service Polaris ATV and snowmobile dealer serving the central Pennsylvania area. With the retirement of Harry McClenaghan, it became necessary to make this business change to allow the business to continue to grow. Jason and Lynn McClenaghan will be joining the Hernley team to assist with Polaris

parts, sales and service.

Duane and Sylvia Hernley began their farm equipment business in 1986. They are a full service Agco dealer in Elizabethtown. They have been avid ATV and snowmobile owners for years. Because these two types of products are closely related, this was a natural mix.

Hernley's offers a full line of Polaris ATV, snowmobile, and ranger parts, garments, and accessories. They are a Polaris Master Service Dealer, offering full-service and warranty repairs by appointment. Hernley's will continue to offer Pennsylvania State inspections for motorcycles and light motorcycle service by appointment. A full line of motorcycle related accessories and apparel will be available.

DuPont Qualicon Releases New Test Kits For Biotech Foods

WILMINGTON, Del. — DuPont Qualicon has introduced the first in a series of test kits that food processors can use themselves to determine if biotech ingredients are present in food products.

Previously, these sophisticated DNA-based tests were available only in the Qualicon Molecular Typing Lab in Wilmington, Del. The kits will enable food processors to easily and inexpensively establish systems to ensure the authenticity of ingredients in the supply chain.

Unlike tests for proteins that can be broken down by heating and other food processing, the Qualicon test kits look for specific DNA sequences that can be detected with equal ease in raw materials, ingredients, and finished products.

The Bax® System PCR Assay for Screening Qualitative GMO can indicate whether a sample of raw or processed soy or corn food, ingredient, or crop contains a threshold level of genetically enhanced components. The kit works by detecting the presence of the 35S promoter gene that is found in 95 percent of commercially available biotech corn and soy.

The Bax® System PCR Assay

for GMO Quantification can provide a precise determination of the percentage of genetically enhanced material contained in a sample of a soy-based food or ingredient.

Both test kits employ the same principle as the company's Bax® system kits for detecting pathogenic bacteria in food. The PCR (polymerase chain reaction) technique, used by leading labs, is internationally recognized as the fastest, most accurate method for detecting and quantifying GMO. Through the use of proprietary technology, the Bax® system makes it easy for food processing operations and service labs to employ this advanced technique. Purchase of the kit includes conveniently tableted PCR reagents along with a license to practice PCR and sell the results.

Additional DNA-based tests for biotech ingredients are under development. "Qualicon has responded to the food industry's need for a standard, consistent, reproducible test," said Qualicon Chairman and CEO James C. Porter. "Our customers can be confident that Qualicon employs the most sophisticated technology, the highest safety standards and the best scientific expertise which are hallmarks of DuPont."

Combo-Mulch Finishers Offer Options For Every Operation

RACINE, Wis. — The new Case IH 4400 and 4450 combo-mulch finishers offer farmers unmatched versatility with five sizes, three shank offerings, five harrow options, and an industry first adjustable disk gang angle on a seedbed finishing machine.

"These finishers combine multiple tillage operations into a true one-pass system," said Keith Whitaker, Case IH product and marketing manager, tillage. "That means farmers will save on labor, fuel and equipment wear."

"In addition, multiple sizes, shank and harrow options allow these machines to be configured to meet the needs of producers with varied acreages, soil types, residue conditions and horsepower needs."

These productivity-enhancing machines feature a spacious five-rank design and massive mainframe, resulting in excellent residue flow and distribution, creating superior seedbed conditions.

Both the 4400 and 4450 feature field-proven Cushion Gang® spring-cushioned disk blades to aggressively cut and size residue ahead of the cultivator shanks. The Cushion Gang disk offers a patent-pending adjustable disk gang angle.

The adjustable disk gang has a five- to 10-degree range. A five-degree disk angle allows faster operating speeds with less soil movement and residue cover. The 10-degree disk angle provides more aggressive soil movement and more residue cover.

The 4400 is equipped with a standard 20-inch diameter disk gang on 7.5-inch spacing, and the 4450 features 22-inch diameter disk blades on 9-inch spacing.

Operators working in low-to-moderate residue levels following fall tillage will want to consider the 4400 combo-mulch finisher. Vibra® Shanks on a 6.7-inch spacing offer an excellent option in moderate soil conditions where a high-action, spring-tension shank is desired. In addition, Vibra Edge® shanks are specially designed with the facing edge of the shank turned forward for increased residue clearance, as well as reduced soil disturbance and fuel consumption.

The 4450 model is best suited for heavier residue and high-yielding stubble field conditions. With either the Vibra Edge shank or Vibra Chisel® shank on 9-inch spacing, the 4450 unit can prepare a firm, level seedbed, leaving up to 70 per-



In just one pass, the new Case IH 4400 combo-mulch finisher will prepare a field for planting. This versatile and productivity-enhancing implement will cut residue, loosen soil, and level the field to allow precise planting.

cent residue cover. When working in heavy soil and rocky field conditions, the Vibra Chisel shank with a 220-pound point load and in-line tension spring is the perfect choice. This extremely strong shank allows the operator to easily travel through heavier soils and adverse conditions while maintaining shank depth control and creating an optimum seedbed.

Five harrow options allow farmers to further customize the finishers for their operations. These options are:

- Four-bar spring-tine harrow, providing superior residue flow and distribution

- Five-bar spike-tooth harrow, which is ideal for moderate clod sizing and leveling

- Three-bar spike-tooth harrow with a single rolling basket, combining seedbed condition and clod sizing with firming and leveling

- Five-bar spike-tooth harrow with a single rolling basket, providing superior seedbed conditioning and clod sizing, as well as firming and leveling

- Three-bar spike-tooth harrow with double rolling baskets, creating the ideal seedbed, with excellent seedbed conditioning, clod sizing, firming, and leveling.

Mechanical depth control is standard on both the 4400 and 4450, but operators looking to make fast and easy changes to react to changing field conditions should consider one or both optional hydraulic depth control systems.

First, from the comfort of the cab, operators can vary the depth of the disk gang to make residue-cutting adjustments with hydraulic depth control of the Cushion Gang disk gang.

"Secondly, for customers who frequently change the depth of the entire implement, our hy-

draulic over mechanical depth control provides a superior solution," said Whitaker. "When a finisher's main frame travels directly behind the tractor in mellow soils, it may ride lower in the tractor's tire tracks. Mechanical depth control allows the operator to independently set the depth of each frame section to compensate."

"To accommodate changing field conditions, the single-point hydraulic depth control system allows the operator to simultaneously change the depth of the entire machine with one simple adjustment, while maintaining the relative depth settings of each section which were set mechanically."

"In addition to single-point hydraulic depth control, a self-leveling hitch, wing flex and heavy-duty walking beam axles will help the 4400 and 4450 stay level and move over the ground smoothly and consistently for precision and uniformity," he said.

A self-leveling hitch is standard equipment on both models. By operating the mechanical cranks, the implement can be adjusted to match the tractor drawbar height. As a result, even when in transport and with different harrow attachments on the rear of the machine, the finisher will stay level from front to rear. In addition, the tongue-mounted pull point is positioned to ensure a level and even pull. With a high pull point, the weight transfer is reduced on the rear of the implement during field operation.

The wings of both the 4400 and 4450 flex 10 degrees upward and nine degrees downward to follow uneven terrain and contours in the field. Wing flex helps maintain a consistent seedbed depth for ideal planting conditions.

Heavy-duty mainframe and wing walking-beam axles are standard equipment on all 4400 and 4450 machines, except the 18-foot sizes. These axles increase the machine's ability to float over wet or soft soils, provide a smooth ride over the roughest field conditions, and maintain a uniform working depth in uneven terrain.

The implement's hitch is long enough to allow a tight turn without interfering with the tractor's rear dual or triple tires. A standard swinging hose stand allows the machine's operator to move hydraulic hoses up and out of the way of the hitch for easy maintenance and to eliminate hose damage.

Major Appoints New Sales Engineer

FOREST HILL, Md. — The Major Equipment Company, a leading manufacturer of custom attachments for telescopic handlers, wheel loaders, backhoe loaders, and other tool carrier equipment, has announced the

appointment of John Scarborough to the position of sales engineer.

In this newly created position, Scarborough will assist Joe Tomaneli, the Major's vice president of sales, in all sales aspects.

Scarborough brings with him a wealth of knowledge and experience in both the construction and agricultural markets, stemming from his position as a product specialist with a leading telescopic handler manufacturer. He is a graduate of Penn State University and Elizabethtown College with degrees in engineering.

The Major was established in Forest Hill, Md. in 1987 and is a division of Attachment Technologies Inc., Delhi, Iowa.

Agway Elects Board Officers

SYRACUSE, N.Y. — Agway, Inc. announced that Gary K. Van Slyke, Pike, N.Y. and Andrew J. Gilbert, Potsdam, N.Y. have been elected chairman and vice chairman, respectively, of the Agway, Inc. board of directors.

They were elected at a board meeting in Syracuse, N.Y. recently.

Van Slyke was elected to the Agway board in 1994 and became chairman in 1999. He is a partner in a family dairy farm business in western New York.

Gilbert was elected to the Agway board in 1995. He owns and operates a dairy farm in northern New York in partnership with his brother.