



# New Products

► Introducing products, services for cattlemen

## New book

The Natural Resource, Agriculture and Engineering Service (NRAES) has announced publication of the third of four related books on the subject of pasture-based livestock production. *Forage Utilization for Pasture-Based Livestock Production* explains the many facets of pasture management related to assessing and providing nutritional benefits for livestock. The book also covers other essential pasture management tools, including permanent and temporary fencing, watering systems, lanes and feeding pads, animal-handling facilities, fly control, and more.

The 185-page book, containing research-based information provided by 21 expert authors, is focused on evaluating forage quality and getting the most from pasturelands. The book will be valuable for anyone involved with or considering starting a pasture-based livestock operation, confined-animal producers, livestock owners and managers, producer advisors, Extension educators, soil and water conservation district and NRCS personnel, agronomists, and environmental professionals.

For more information call 607-255-7654, visit [www.nraes.org](http://www.nraes.org) or e-mail [nraes@cornell.edu](mailto:nraes@cornell.edu).

## New line of windrowers

New Holland has introduced three models in a new line of H8000 Speedrower™ self-propelled windrowers. The new models, ranging from 126 to 226 horsepower (hp), feature MowMax™ modular cutterbar technology and ShockPro™ hubs that reduce operating costs and downtime, according to the release.

Featuring thinner, lower-profile rock guards to allow closer cutting at a flatter cutting angle and an improved design to maintain the straightness of the cutterbar, the new HD disc heads run more lightly on the ground for less wear, less damage and consistent cut height.

The new windrowers have a broader offering of reversible knives, including 7° knives, 14° knives, rock knives and new 14° serrated knives that can be used in sandy soil or abrasive conditions.

The cutterbar is designed with individually sealed disc drives modules, so if the mower hits an obstruction in the field, the damage

is isolated and fully contained within the module. The hubs protect the cutterbar from shock loads caused by impact with a foreign object by heading off the shock load before it can damage drive components. If the hub shears, it can be easily replaced in about 15 minutes at minimal cost, according to the release.

For producers who swath grain, the H8040 Prairie Special is configured with factory-installed options requested by operators using a draper head. The mower comes center-delivery draper-ready and includes a deluxe cab upgrade, an engine cold-start kit, 18.4R × 26 R1 drive tires, front windshield wiper/washer and fixed-position crop shields.

For more information visit [www.newholland.com](http://www.newholland.com).



## New automatic bale wagons

New Holland announces the new H9800 series of self-propelled automatic bale wagons. The H9870 is designed for three-bale-wide stacks of 14 in. (in.) × 18 in. or 16 in. × 18 in. bales. The H9880 loads 16 in. × 18 in. two-tie bales and a variety of three-tie bales.

Both models can accommodate the MilStak® bale converter attachment that permits handling loads of 15 3-foot (ft.) × 3-ft. bales or 10 3-ft. × 4-ft. bales, five bales high. According to the company, this saves time and boosts efficiency because an accumulator isn't needed to pick up the big, square bales, nor is manual handling required to load them onto a truck.

A new heavy-duty front axle allows the baler wagons to accept the payload requirements of the MilStak large-bale handling attachment. The bale converter is attached with bolts and hydraulic quick couplers and can be easily removed or attached to switch between picking up large and small square bales, according to the release.

Machine functions are controlled electronically from the cab in the new series. The Stack Command™ control system has a large digital display that is easy to read and use, providing up to 35 preprogrammed stack patterns as well as room for 20 custom patterns.

For more information contact a local dealership or visit [www.newholland.com](http://www.newholland.com).



## New welder

Hobart Welding Products has announced its new Handler® 210 all-in-one metal inert gas (MIG) welder. With 25 to 210 amps in a 77-pound (lb.) package, it can weld mild steel up to 3/8 in. and aluminum up to 1/4 in., yet

provides low-end control that enables welding 24-gauge material without burn-through or excess spatter.

The new welder plugs onto a standard 230 VAC (volts of alternating current) outlet and delivers full output power with a normal 35-amp breaker. It offers seven voltage taps, enhanced magnetics with better inductance and infinite wire-feed speed control.

Ready to weld out of the box, the Handler features a built-in gas valve and comes with a dual gauge regulator and gas hose.

The company backs all power sources with its 5/3/1 warranty, which covers the transformer for five years; the switches, controls and valves for three years; and the torch for one year. Engines are covered separately by the manufacturer. Visit [www.hobartwelders.com](http://www.hobartwelders.com) for a detailed spec sheet or free literature or call 1-877-462-2781.

### New vaccine technology

Dow AgroSciences LLC, a wholly-owned subsidiary of The Dow Chemical Co., has announced the signing of a license agreement with the University of Guelph in Canada that provides the company with exclusive rights to the leukotoxin antigen LKT-50. Researchers at the university have isolated and modified the gene for the native antigen, which produces an immune response against *Mannheimia haemolytica*, or "shipping fever," a common respiratory infection in cattle. The University of Guelph will soon receive a U.S. patent on LKT-50.

The company has licensed the gene from the university research to use in its Concert™ plant-cell-produced system to develop a vaccine. The company's Concert system is a new technology that utilizes plant cells instead of whole plants to produce vaccines in a secure, bio-contained environment. This plant-cell-produced process results in subunit vaccines that use only the necessary parts of the bacteria to stimulate immunity to prevent disease without stressing the animal.

Researchers at the university are continuing their research and testing of genetically modified alfalfa to produce the antigens and are testing edible vaccine technology to speed up the vaccination of large herds of cattle to protect against shipping fever.

For more information visit [www.dowagro.com](http://www.dowagro.com).

### New yeast formulations for pelleted feed

Ivy Natural Solutions has announced the introduction of two new microencapsulated yeast formulations for use in pelleted feed.

ProTernative™ CF is a continuous-fed formula of a rumen-specific live yeast that enhances rumen health and function, according to the release. The company suggests it is an alternative for cattlemen who are producing cattle for natural programs that do not allow the use of conventional growth-promoting technologies.

ProTernative™ SF is an active, live yeast strain that works specifically in the lower gastro-intestinal (GI) tract to improve an animal's health and stimulate feed consumption. It is recommended for use during the first 28 days in the starter ration or any time cattle undergo stress during the feeding period.

The company's patented microencapsulation process includes spraying a heated fatty acid coating into the microencapsulator as air and yeast prills are circulated from the bottom of the unit. As the temperature lowers, the fatty acid solidifies, creating coated particles containing thousands of viable yeast cells.

The microencapsulation process protects the viability of the yeast through the heat and pressure of the pelleting process. The new formulations are available in 5- and 20-kilogram (kg) units for use by feed manufacturers in the production of pelleted feed. The products are also available as an active live yeast concentrate and as a top-dressing.

For more information visit [www.ivynaturalsolutions.com](http://www.ivynaturalsolutions.com).



### More powerful tractors

New Holland has introduced the T8000 series of tractors with higher horsepower (hp), greater hydraulic flow and more precision and comfort, according to the release.



The five models in the new series range from 175 to 270 power takeoff (PTO) hp with up to 56% PTO torque rise and power growth up to 44 hp for increased pulling power. All models in the series, with the exception of the T8050, feature 8.3 L engines. The T8050 features a new 9.0 L engine with 270 PTO hp, which the company says has the power and hydraulic flow to handle the most advanced seeders and specialty equipment. All engines are approved for use with B20 biodiesel fuel meeting ASTM 6751 standards.

The new series of tractors has a standard hydraulic flow of 44 gallons per minute (gpm), with 75 gpm available with the company's dual-circuit MegaFlow™ option. Operators have full hydraulic flow when feathering, so they can move implements into transport position fast. An acre counter has been integrated with the hydraulic system for operator convenience.

There are a variety of transmission options, auto-steering systems, enhanced instrumentation, axle options and cab options to choose from.

For more information visit [www.newholland.com](http://www.newholland.com).