

Latest New Products From Germany's Agritechnica Show

Agritechnica, held every other year, is now the biggest farm show in the world. For more info, go to: www.agritechnica.com.

Combine Camera Helps Stop Grain Loss

European farmers will be able to equip their 2008 New Holland CR combines with a Grain Cam. The device monitors broken kernels and non-grain material. Grain flowing past the camera lens is stopped briefly for an image to be captured. It is then analyzed electronically for broken faces and non-grain material and shown on the combine monitor as a graph or visual image, along with suggestions for the operator. Eventually, the combine automatically adjusts operation based on

the analysis.

Introduction to the North American market will depend on market response in European countries.

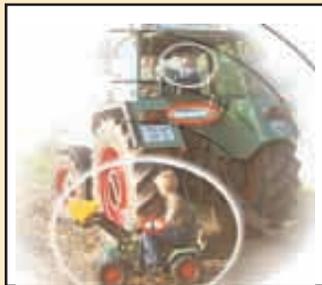
Contact: FARM SHOW Followup, CNH Deutschland GmbH, New Holland Communications, Klaus Senghaas, Germany (ph 49 7131 1061 17; fax 49 7131 1061 10; Klaus.Senghaas@cnh.com; www.newholland.com/home.asp).

Electronic System Keeps Kids Safer

Hundreds of kids are killed every year by big farm equipment. Satcon Systems' Kinderfinder consists of an electronic bracelet kids wear. It sends an alarm to monitor-equipped tractors or truck cabs if a child gets too close.

The chips can also be embedded in clothes or on a chain. Antennas are mounted on top of or underneath equipment. The receiver can be adjusted to detect signals at distances of up to 320 ft.

Contact: FARM SHOW Followup, Satconsystem, Bundesstrasse 7, D-97531 Obertheres, Germany (ph 49 9521 7072; fax 49 9521 1350; info@satconsystem.de; www.satconsystem.de).



Manure Sensor Reads N, P And K

The VAN-Control from Zunhammer may revolutionize manure application. Using infrared spectroscopy, the on-board optical sensor continually measures nutrients and dry matter. Information is fed to the operator. For the first time, accurate readings in the field will allow the operator to adjust application rates on-the-go to meet field needs accurately.

Contact: FARM SHOW Followup, Zunhammer GmbH Matzing, Biebing 19 D-83301 Traunreut, Germany (ph 49 8669 8788; fax 49 8669 878833; info@zunhammer.de; www.zunhammer.de).



Drive-By Device Counts Herd Instantly

Now you can get an accurate count of a live-stock herd in seconds and from more than 200 ft. away. The Animal Counter from Satcon Systems uses radio ID tags that transmit their numbers to a handheld controller box. For example, if you've got a flock of sheep on pasture, you can drive by, hold the

Animal Counter out the window of your pickup, and tell at a glance if any animals are missing.

Contact: FARM SHOW Followup, Satconsystem, Bundesstrasse 7, D-97531 Obertheres, Germany (ph 49 9521 7072; info@satconsystem.de; www.satconsystem.de).

Cab Takes Out Bounce And Sway

A new cab suspension system from Grammar is available on Valtra and Claas tractors. The smart cab suspension constantly senses the cab's movements and adjusts the stiffness of the air ride shock absorption every two milliseconds. The electronically-controlled shock absorber system can be set on

automatic or manual control. When on automatic, they adjust not only to bumps, but also to direction and speed changes.

Contact: FARM SHOW Followup, Valtra Inc., Valmetinkatu 2, FI-44200 Suolahti, Finland (35 8204 5501; fax 35 8204 550386; www.valtra.com).

Get Smart Holder For Firewood

The Smart Holder Sawhorse from Stihl holds wood securely in position to be cut, yet quickly releases as well. An adjustable brake bites into one end of a log branch and cantilevers it out so it can be cut without having to be moved.

Contact: FARM SHOW Followup, STIHL Vertriebszentrale AG & Co. KG, Robert-Bosch-Str. 13, 64807 Dieburg, Germany (ph 49 1803 6712 43; fax 49 1803 7844 53; kundenservice@stihl.de; www.stihl.de).



Radio-Controlled Farm Toys For Big Boys, Too

Big kids in their 20's, 30's and older crowded around the Siku exhibit at Agritechnica to play with radio-controlled farm toys. Tractors pulled wagons and implements. Hay rake wings lowered and turned while wagons dumped, and all of it was under the power of handheld infrared controllers. Tractors boast working LED headlights, safety lights and even turn signals. Even hooking up different implements is done by remote control. Tractors run off of rechargeable batteries and sell for around \$150. Not yet available in North America.

Contact: FARM SHOW Followup, Sieper



GmbH, Schlittenbacher Str.60, D-58511 Ludenscheid, Germany (ph 49 2351 8761 48; fax 49 2351 8761 66; www.siku.de).

Remote Connect For Pto, 3-Pt. And Hydraulics

Equipment operators may never leave their seat again thanks to the new Power Lock developed by Pottinger, Fendt and Walterscheid. The system lets a tractor operator hook up pto, top and lower linkage, and hydraulics all from the cab.

Equipment can be retrofitted by replacing the end of the pto shaft with the Power Lock and attaching a bracket for a bar that keeps the pto coupling suspended. When the operator backs into place, Power Lock components guide the pto coupler and lock it in place. Introduced for the first time at Agritechnica 2007, it's planned for 2009 production.

Contact: FARM SHOW Followup, Alois



Pottinger Maschinenfabric GmbH, Industriegelände 1, A4710 Grieskirchen, Austria (ph 43 7248 6005 21; www.pottinger.at).

"Crab" Steering For Big Wagons

The Fliegl "forced steering" control lets the operator turn a multi axle trailer tighter, crab walk it on a hillside or through tight spaces, or follow tractor tracks perfectly. A sensor on the ball hitch tracks where the trailer is compared to the tractor and then turns the trailer wheels automatically. The operator can select from multiple steering options.

Contact: FARM SHOW Followup, Fliegl Agro - Center GmbH, Maierhof 1 D-84556 Kastl, Germany (49 8671 9600 50; fax 49 8671 9600 71; www.agro-center.de).



How To "Reverse" A Late Model Deere

If you have a 7020/7030 or 8030 Series John Deere tractor, you can reverse the controls with this German-designed kit. The Electronic Reverse Station can be retrofitted at any time. Once installed, it rotates 360° and can be activated in seconds. A U.S. distributor handles North American sales.

Contact: FARM SHOW Followup, Reichardt Electronic Innovation Inc., 2357 155th Ave. SE, Arthur, N. Dak. 58006 (ph 701 967-8369; info@reichardt.com; www.reichardt.com).



Biogas Production Big At Agritechnica

Thanks to subsidies for electricity generated from fermenting crop material or grass, biogas production is big and growing in Europe. Producers are installing systems on their farms, centrally located for several farms or as part of a large-scale facility. Agritechnica 2007 was full of companies devoted to servicing the market, from special-designed silage harvesters to transports that dump chopped crops fast.

Companies like Rota Guido offer turnkey facilities of all sizes from small dairies up to industrial-size operations. Everything needed to produce the gas and generate electricity is included, often in modules for easy expansion.



Contact: FARM SHOW Followup, Rota Guido, Via FLLI Bandiera, 4 26010 Corte De Frati, (CR) Italy (ph 39 3729 3119; fax 39 3729 3424; info@rotaguido.it; www.rotaguido.it).