

Business News



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Grain Carts Have 710-, 525-Bushel Capacities

KALIDA, Ohio — Unload on-the-go with the new Unverferth models 7000 and 5000 grain carts with capacities of 710 and 525 bushels, respectively.

Unverferth's new rear-folding, patented corner auger grain carts provide 100 percent unloading visibility, making the cart easier to maneuver and unload. The unique auger position also permits users to view into the tank without climbing over the auger.

With submerged auger intake and heavy duty gearbox, these carts unload quickly and completely, at up to 250 bushels per minute. Combining this heavy duty gearbox with a computer balanced auger and spring loaded top bearing, this machine unloads consistently with minimal maintenance.

Standard features of this new

grain cart include fully primed and painted with producer's choice of tractor green or red, Lexan-sealed seams for longer box life, auger-mounted light for nighttime unloading, flashing amber lights for safer road travel, and front and rear viewing windows for checking volume of grain.

Unverferth grain carts also feature hydraulic flow control with position indicator, fully charged hydraulic hoses and ISO couplers, auger position indicator, and a variety of wheel and tire options.

Optional scale package can be ordered with the cart or as an easy retrofit for checking yields on the go.

For further information, contact Unverferth Manufacturing Co., Inc., P.O. Box 357, Kalida, OH 45853, (800) 322-6301 or (419) 532-3121.

Hoffman Seeds Sponsors Wheat Field Day

LANDISVILLE (Lancaster Co.) — Hoffman Seeds, Inc. recently sponsored a wheat field day at the Jim Kettering Farm in Manheim. Cosponsors were Ciba Plant Protection and Gustafson, Inc.

which markets Baytan seed treatment.

The test plots consisted of thirty wheat varieties, including public and competitive brands. Varieties were planted at varying popula-

Mulch Mowing Gives Lawn Benefits

BOB TRACINSKI
Consumer Information
John Deere

RALEIGH, N.C. — What's better for a lawn? To recycle grass clippings with a specially-designed mulching mower? Or to use a regular side-discharge mower and simply follow the one-third rule?

It used to be that experts said any mower is a mulching mower if you cut the lawn often enough to remove only one-third of the grass blade in any one mowing. But times have changed. Recent university research by Texas A&M

has shown that lawns actually benefit from being mowed by a mulching mower. It's called TLC. In this case, TLC stands for thin layer composting. Think of the grass clippings forming a thin compost layer across the lawn.

The university study showed that longer clippings left by an old side-discharge mower without special mulching attachments actually creates a condition that encourages the development of fungus diseases. And most diseases that attack a lawn are caused by one kind of fungus or another.



Zeneca Ag Products, DuPont, and Scienco Products have signed an agreement to jointly develop SmartBox, a new system for packaging, handling, and applying granular soil insecticides. Shown with a SmartBox prototype unit are, left to right, Jim Rodebush, Zeneca technical service representative from Iowa; Paul Nolte, engineering manager, Scienco Products; Joe Gerling, senior research engineer, DuPont Application Technology Group; and John Thleme, Zeneca technical service representative from Illinois. A limited number of SmartBox systems will be field-tested by universities and growers in 1993.

Zeneca, Dupont, Scienco Sign Agreement

WILMINGTON, Del. — Zeneca Ag Products (the new name for ICI Agricultural Products), DuPont Company, and Scienco Products (part of Ingersoll-Dresser Pump Company) have signed an agreement to jointly develop SmartBox, a new system for packaging, handling, and applying granular soil insecticides.

"By pooling resources and working together on the SmartBox unit, we anticipate being able to have the system commercially available by 1995," said Tom Hashman, technical business manager at Zeneca.

"SmartBox is a very promising system," said Joe Gerling, senior research engineer with DuPont's Application Technology Group. "It not only eliminates a farmer's exposure to insecticide granules, but promises to greatly improve application rate control as well."

SmartBox is a closed-system package made of heavy-duty plastic that mounts on a corn planter in place of the planter's insecticide

hoppers. It comes equipped with an electronically controlled metering system, and is returnable and refillable.

"The SmartBox would replace insecticide bags, insecticide boxes on planters, and existing metering systems," said Paul Nolte, engineering manager with Scienco Products. "One key advantage is that the metering system is tied into a radar that measures ground speed. The application rate is consistent even if the tractor speeds up or slows down."

Hashman said that precise rate control with the SmartBox could allow the use of insecticides formulated for lower use rates.

"This would mean less product to handle and more acres covered

by each box of insecticide," he said. "It's possible that a 12-row planter, using a low-rate formulation of Force soil insecticide, could cover 500 to 1,000 acres of corn on one set of SmartBox containers."

Zeneca markets Force and Dyfonate II soil insecticides. The company is providing Force in SmartBox systems to universities and growers for field trials in 1993.

DuPont is developing Fortress soil insecticide (EPA registration pending) for future commercialization.

The companies plan large-scale field testing of SmartBox in 1994, followed by commercial introduction for the 1995 season.

Unit Transfers Feed



LITITZ (Lancaster Co.) — A custom handling unit for free-flowing grain and feed is in service here at Eastern Mobile Mills.

With a capacity of 3,000 bushels per hour, the unit transfers materials to and from trucks, railroad cars, bins, and pits. It was used recently on several large spills. For more information, contact EMM Sales and Service, Lititz, (717) 626-4762.



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