



Business News

Insecticide Gets New Package, Formulation

WHITE PLAINS, N.Y. — Force 1.5-G soil insecticide for corn will have new, improved packaging and formulation for 1994, according to Zeneca Ag Products.

Zeneca will also have 50 percent more Force available than was on the market last year, to meet increasing demand for the product.

David Walton, product manager for soil insecticides at Zeneca, said Force will be packaged in heavy-duty plastic bags for 1994.

The weatherproof bags feature a skid-resistant surface, a special flap for lifting, and an easy-to-open spout that empties the bag quickly and completely.

"We looked at packaging in the market and got advice from farmers on how to improve it," Walton said. "The plastic bag is user-friendly. Combined with the new, low-dust formulation, it minimizes potential exposure to handlers."

All Force for 1994 will also be formulated on montmorillonite clay granules, which Walton said are harder and more resilient than the original gypsum-based granules.

"The new low-dust formula-



Force is packaged in a newly designed heavy-duty plastic bag. The weatherproof bag features a skid-resistant surface, a special flap for lifting, and an easy-to-open spout.

tion, first introduced in Dyfonate II, is produced with a special process which is unique to Zeneca," Walton said. "The formulation has a lot less dust and will flow through equipment better than the gypsum formulation. Growers who field-tested it in 1993 were enthusiastic about it."

As a pyrethroid, the product controls a broad spectrum of soil insects with just one-tenth the amount of active ingredient found in other soil insecticides, he said. Force is labeled for control of rootworm, black cutworm, wireworm, white grub, seedcorn maggot, and seedcorn beetle.

This broad spectrum fits the conservation tillage movement. "Black cutworm, for example, becomes a greater threat when growers reduce tillage," Walton said.

Force is also harmless to earthworms in field use — another plus in conservation tillage. It doesn't harm birds, and has low toxicity to humans. And tefluthrin, the active ingredient, has low water solubility and low soil mobility — minimizing its potential to reach groundwater, according to Walton.

And very important these days, Force doesn't interact with Accent or Beacon herbicides to cause corn injury. "It allows farmers to keep their options open for rescue herbicide treatments" Walton said.

For more information on Force, call your local farm chemical dealer or call Zeneca Ag Products at (800) 759-2500.

Deere Captures Nine Awards

MOLINE, Ill. — Nine innovative designs developed by John Deere engineers are among the 50 outstanding new developments in

technology recently recognized by Agricultural Engineering, the magazine of the American Society of Agricultural Engineers

(ASAE).

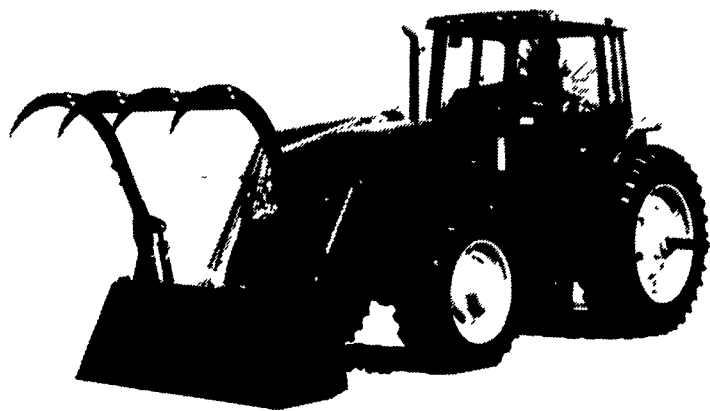
This marks the first time any company has received nine AE 50 awards in one year, eclipsing the former six-award precedent set last year — also by John Deere. Agricultural Engineering has featured the AE 50 for the last eight years.

The John Deere designs listed among "The Agricultural Engineering 50" outstanding innovations in product or systems technology include the 6000 and 7000 Series tractors from 66 to 145 horsepower, the 9965 cotton picker, the 6500 self-propelled sprayer, the 550 Mulch Master, the 400 Series lawn and garden tractors, and the 7.6-liter natural gas engine.

Components and systems of John Deere products that received AE 50 recognition are the cushioned unloading-auger swing cylinder and the rotary-screen rake bar system on Maximizer combines, and the tractor draft-force sensor used on John Deere 4-wheel-drive tractors equipped with an electrohydraulic 3-point hitch.

A national panel of engineering experts selects the AE 50 each year. The panel considers the technological contribution of each entry and how the design applies technology to benefit farmers and others by reducing cost, enhancing quality and profitability, and increasing American agriculture's competitive position.

Loader For Mid-Range Tractors

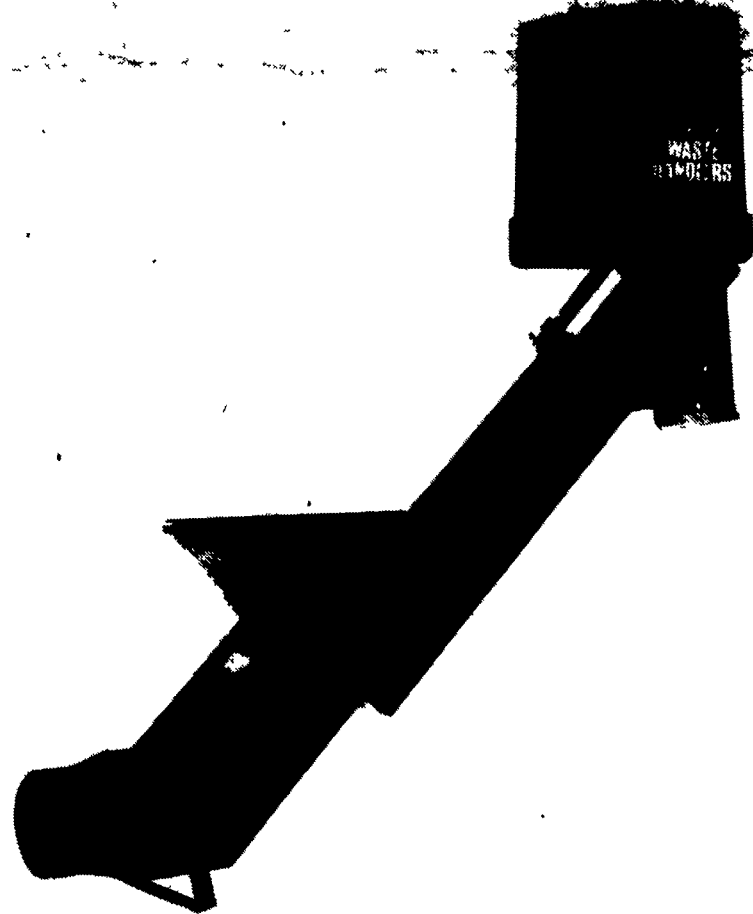


GREAT BEND, Kan. — The GB 860 HI-Lift Quick Attach Loader is for mid-range tractors from 75 HP up to 180 HP, and features a strong 6-1/2 inch and 4-1/2 inch dual torque tube frame.

This new GB unit loads and stacks both large and small hay packages on trucks or in storage. Lift height is 15 feet. A narrower loader mainframe provides better visibility to the bucket or other attachments.

The GB Q.A. adapter and tractor hood guard, with reversible front cross over frame which provides two position precision, are standard equipment. Quick attachments available are the bale probe, pallet fork, manure fork, dozer blades, and grapple fork. All 860 loaders can be painted to match your tractor at no extra charge.

For more information, call (800) 825-1701, or write Great Bend Manufacturing Co., Inc., Box 828, Great Bend, KS 67530.



Van Dale Waste Handlers recently introduced its newest generation of manure transfer pumps.

The design for this new generation of Manure Transfer Pumps consists of a hollow cast iron piston in a formed-steel chamber, built extra heavy to provide years of service. The piston's up and downstroke action opens and closes gates to draw and push manure through a chamber gate. Raker teeth pull the straw into the chamber and speed up manure flow.

Waste Handlers Introduces Manure Transfer Pumps

FORT ATKINSON, Wis. — Van Dale Waste Handlers recently introduced its newest generation of manure transfer pumps. The pumps feature a three-year extended warranty.

The design for this new generation of Manure Transfer Pumps consists of a hollow cast iron piston in a formed-steel chamber, built extra heavy to provide years of service. The piston's up and downstroke action opens and closes gates to draw and push manure through a chamber gate. Raker teeth pull the straw into the chamber and speed up manure flow.

More dependable than hydraulic or air pressure systems, the pump is constructed with 30,000 P.S.I. cast iron, giving the precision ground pistons superior wear

qualities to withstand the pressure of working against the steel chamber wall. Close tolerance provides a tighter fit with less "blow by" and outstanding pumping efficiency. And since the piston never leaves the cylinder chamber, no foreign material can get between the piston and chamber to cause damage.

Van Dale Waste Handlers' new generation of Manure Transfer Pumps are also designed for easy and flexible installation in both new and existing setups.

Van Dale Waste Handlers is a division of J-Star Industries, Inc. For more information about the new generation of Manure Transfer Pumps, contact Dean Hanke, Van Dale Waste Handlers, 801 Jancsville Avenue, Fort Atkinson, WI, 53538, (414) 563-5521.

Gehl Introduces Swing-Frame Mower-Conditioners

WEST BEND, Wis. — Gehl offers two new swing-frame mower conditioners, the Model 2245 and 2275.

With cutting widths of 12 feet 3 inches and 14 feet 3 inches, both models feature center-pivot maneuverability and 109-inch conditioning rolls.

A simple, total hydraulic drive

system means smooth operation and low maintenance. One lever adjusts the forming chamber to create high standing fluffy windrows or uniform full-width swaths.

For more information on Gehl's entire hay tool line, see your local Gehl dealer or write to Gehl Marketing Services, 143 Water Street, West Bend, WI, 53095.



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