

# Deere Introduces Side Delivery Spreaders

MOLINE, Ill. — John Deere has introduced three new side-delivery spreaders for customers who handle mainly slurry manure.

The model 872, 874, and 876 all have large capacity, leakproof tanks for productive material handling, and design features that enhance material flow, provide long component life, and promote safe, convenient operation.

With standard 6-inch side extensions, the 872 has a rated capacity of 1,000 gallons, the 874 1,400 gallons, and the 876 2,000 gallons. Optional 11-inch side extensions increase capacity to 1,230, 1,700, and 2,400 gallons, respectively. The company recommends teaming the 872 with at least a 65-hp tractor, the intermediate model with an 80-hp or larger tractor, and the 876 with at least a 100-hp tractor.

### Material Flow

Each spreader features a 24-1/2-inch diameter auger mounted near the bottom of the V-shape tank. Special intermittent flighting on the auger delivers a smooth, steady flow of material to the front expeller.

When handling semisolid manure,

the operator can raise the auger hydraulically to break up bridged material that can form above the auger during unloading. Single-acting cylinders raise the auger against spring force. This design ensures constant down pressure for positive material engagement when the control valves are in float. It also permits the auger to float over objects that might otherwise cause damage to the system.

The expeller's slanted and staggered paddle segments engage the material at different intervals with a slicing action that makes efficient use of power and produces a consistent spread pattern up to 50 feet long. The paddle segments are bolted on for easy serviceability should replacement be needed.

An optional deflector can be installed on the expeller gate to aid the breakup of small clumps of sticky material for a more even spread pattern. An expeller pan is available to help keep liquids from running under the expeller to the ground during unloading. Other attachments include an expeller corner lid to help retain backspray



The John Deere 872, 874, and 876 side-delivery spreaders are designed for customers who handle mainly slurry manure. The auger, mounted near the floor of the V-shape tank, can be raised hydraulically when handling semisolid manure to break up bridged material that can form above the auger during unloading. The auger has intermittent flighting that delivers a smooth, steady flow of material to the front expeller.

## Dallas Is Site Of World Simmental Congress

BOZEMAN, Mont. — The 1992 Congress of the World Simmental Federation (WSF) will be hosted by the American Simmental Association in Dallas, Texas.

More than 500 representatives from 25 nations are expected to attend the event, scheduled for October 11-18. The Grand Kempinski Hotel in Dallas will serve as headquarters hotel.

The schedule has been planned to mesh with activities of the 1992 Texas State Fair, and will also feature a number of tours and activities. A number of pre-congress and post-congress tours of the U.S. are also in the planning stages.

The Texas Simmental/Simbrah Association (TSSA) has announced that it will sponsor and manage a cattle sale on October 16 in conjunction with the WSF Congress. The TSSA will also coordinate a display area for cattle.

Member countries of the WSF are Argentina, Australia, Austria, Brazil, Canada, Columbia, Czechoslovakia, France, Germany,

Hungary, Ireland, Italy, Mexico, New Zealand, Romania, South Africa, Spain, Sweden, Switzerland, The United Kingdom, Uruguay, Yugoslavia, Zambia and Zimbabwe, in addition to the United States. Several other nations, including Portugal and Russia, are among potential new members of the federation.

Foreign visitors will be offered a wide range of interesting activities, from western barbecues, to attendance at the State Fair, to visits to area ranches, to Simmental and Simbrah cattle shows, to educational and technical programs.

Worldwide, Simmental are the second most populous breed, trailing only the Brahman breeds in total numbers. Throughout Europe and Russia, Simmental are the dominant breed and have become prominent in the beef industry of all six continents. The American Simmental Association ranks third among all U.S. beef breed associations in terms of annual registrations.

in the tank as it empties and tank splash guards to minimize fore-aft spillage.

An optional polyethylene tank liner can be installed to reduce the buildup of frozen material and improve the flow of material to the auger.

### Long Component life

A heavy, double-reduction chain drive provides long-term durability and low maintenance for the auger drive. The auger is shear-bolt protected against torque overloads for long, reliable service life. The double V-belt expeller drive reduces torque peaks in the driveline and provides quiet, efficient power

transfer.

The tank carries a 10-year warranty against rust-through for the original owner.

### Safe, convenient operation

The driveshaft between the PTO pedestal and the auger and expeller drive systems is fully enclosed for operator protection. Shields protect the operator from accidental contact with the auger and drive systems, yet permit easy accessibility for adjustments and maintenance. A ladder is provided to help make tank inspections and maintenance safe and easy.

A warning light kit is available for those applications that require on-road transporting. A safety tow

chain is standard.

The hydraulically controlled expeller gate enables the operator to control spread rate from the tractor seat. An indicator on the spreader shows how far the gate is open. Another indicator shows the operating height of the auger.

A cleanout door in the tank bottom at the rear of the spreader provides an easy way to drain the tank completely to prevent the buildup of frozen material on the tank floor.

More information is available from John Deere agricultural equipment dealers and from Deere & Company, John Deere Road, Moline, IL 61265.

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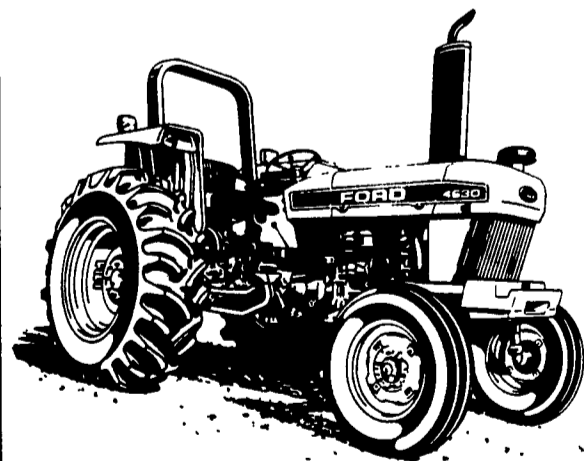
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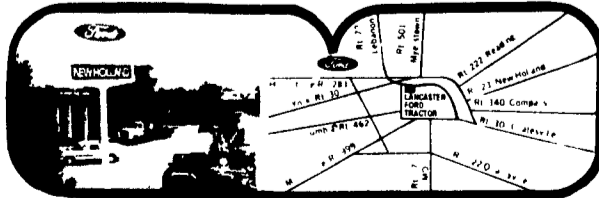
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