SPREADS 4 TO 30 FT. SWATH

New Spreader-Seeder For Pickup Trucks

Big-capacity pickup spreader can be lifted into place with optional bumper hoist.

"We know it works for spreading fertilizer, sand or salt. We think it will also make an excellent seeder for small grains and other broadcast-seeded crops," says Mike Elsass, inventor-manufacturer of the new Tiger spreader-seeder for ½ or ¾ ton pickups.

"We're getting a lot of interest from farmers looking for ways to earn extra money with their pickups. With our new spreader-seeder, they can take on sand and salt spreading jobs in town," Elsass notes.

Spreading width is adjustable from 4 to 30 ft. The low-profile hopper, made of 12 ga. steel, holds 1.6 cu. yds. (up to 4 cu. yds. with optional side extensions). It can be loaded with a tractor loader, auger or overhead bin. Twin augers (to prevent bridging) are operated hydraulically, with a 10 hp. gas engine powering the hydraulic pump. The 12 in. dia. stainless steel spinner, with four blades welded to its surface, is driven by a battery-powered electric gear motor. It folds out of the way for fast unloading of leftover material. Cab-mounted controls allow the driver to adjust application rates "on the go".

Available with an optional Stow-Away winch for lifting the spreader-seeder in and out of the pickup bed. Sells for $4,900, including the 10 hp. engine and controls. An optional stainless steel hopper insert is available for use with salt or other corrosive materials.

For more information, contact: FARM SHOW Followup, Tiger Line Equipment Co., 115 North Ohio St., P.O. Box 121, Minster, Ohio 45865 (ph 419 628-3388).

"YOU GET BETTER RESULTS AND SAVE $50 TO $100"

First Do-It-Yourself Alternator Rebuild Kit

A Georgia farmer who rebuilds alternators and starters as a sideline business recently introduced the first commercial do-it-yourself alternator rebuild kit for U.S.-made trucks, tractors, and car alternators.

"I don't know why no one ever did it before," says Roger Bacon, who's doing a booming mail order business but hasn't had any luck trying to sell it in parts stores. "They don't want to stock it. They say they'll lose too much alternator business."

Bacon says anyone who can handle a screwdriver can rebuild an alternator. "When you buy a factory rebuilt alternator, only those parts that are visibly worn have been replaced. Our kit replaces every part found inside an alternator, except the rotor and stator which rarely fail. This kit provides a much more reliable result than low-cost rebuilt models that may just fail again," says Bacon.

Each kit contains rectifier, diodes, voltage regulator and all hardware. Kits fit all American-made alternators, including heavy duty models found on tractors and other farm machinery. Most car and pickup kits sell for $14 to $20 while heavy-duty kits for trucks and tractors sell for $20 to $40.

"You can spend anywhere from $50 to $130 or more to have an alternator rebuild commercially," points out Bacon, who's already sold kits throughout the U.S. by word of mouth.

For more information, contact: FARM SHOW Followup, Corey, Inc., Rt. 1, Box 791, Doerun, Georgia 31744 (ph 912 776-7720).

Easy-to-install kit replaces nearly every part in alternator.

AUTOMATICALLY REGULATES TEMPERATURE, HUMIDITY, AMMONIA LEVELS, AND DUST

"Computer" Ventilation Is First Of Its Kind

A state-of-the-art ventilation system that automatically monitors and regulates temperature, humidity, ammonia levels and even dust recently completed successful tests on Midwest confinement operations.

Developed by Pals, Willmar, Minn., the first-of-its-kind total ventilation system makes use of computerized electronic controls and newly developed sensors to keep air clean and dry inside barns. The programmable controls can be retrofitted to existing buildings, or installed, with a new natural ventilation system also developed by Pals, in new buildings.

"Every aspect of the environment can be controlled to produce healthier animals," says Ray Norling, Pals manager, who says the system has already been installed or ordered for use in 150 hog and poultry barns. "It eliminates the need to constantly adjust and override controls and lets you scientifically use light and temperature to promote faster gain."

To regulate temperature and humidity, controls automatically adjust fans and heat. Lighting can also be tied into temperature controls. For example, Norling recommends programming the system to turn the temperature down 5° during waking hours to stimulate feeding activity and then raise it again when the lights go out to conserve animal energy.

When the system's sensor says ammonia levels have risen to unacceptable levels, the system automatically increases ventilation.

The Pals system is also the first to control dust. Although the company's dust sensor, which can actually monitor dust levels in the air, is not yet in production, the system is programmed to reduce dust levels by turning on all fans 10 min. after animals first get active in the morning and again when lights go out, in order to reduce dust at the most active times. The system can be set to keep dust levels down all day by ventilating or automatically sprinkling with water at regular intervals.

Pals can custom-tailor the controls to regulate any aspect of the environment. Norling says the system works particularly well with the company's new state-of-the-art natural ventilation system that eliminates the need for fans, using air-powered cylinders to automatically open and close wall and roof vents.

"Its hard to believe the difference when you enter a barn with totally clean, naturally vented air. Animals look healthier and have less disease," says Norling. A 300-ft. barn might be equipped with 3 sets of sensors, depending on the design of the barn and how precisely you want to control it. All controls are tightly sealed to resist corrosion, according to the company.

For more information, contact: FARM SHOW Followup, Pals, P.O. Box 753, Willmar, Minn. 56201 (ph toll-free 800 328-8842 or 612 235-8063).

Control panel lets you program desired levels for temperature, humidity, ammonia and dust.