

## Farm Business News



The model L451 skid-steer loader from Sperry New Holland features greater load capacity.

### New Holland adds diesel loader

NEW HOLLAND — A new diesel powered skid-steer loader has been added to Sperry New Holland's seven model line. The frame size of the new Model L-451 loader is similar to the gas powered Model L-445, but load capacity (1100 pounds) is 10% greater. Break-out force is greater, too. The 1850-pound bucket break-out force speeds loading in hard-packed material and in excavation work.

The "L-451" shares the riser-boom design of other Sperry New Holland loaders. This gives the machine increased reach as the bucket raises, and reduces the possibility of material spilling back on the operator. It also lets the operator place the material nearer the center of large trucks or spreaders. In many cases this allows loading from one side where it would otherwise be necessary to load from both sides to completely fill the vehicle.

Maintenance and durability of the new loader have been extended through the use of new manufacturing techniques to minimize the possibility of hydraulic fluid contamination. All hydraulic system fluid for the lift system and the hydrostatic drives is double-filtered through 10-micron filters. At the factory, hydraulic fluid is also refiltered to the standard 10-microns.

This means the fluid in the "L-451" system will be cleaner than the new oil coming from the fac-

tory, according to John Bentley of Sperry New Holland.

Avoiding hydraulic fluid contamination is critical to extended service life with minimum maintenance cost. It's what keeps down time to an absolute minimum, explains Bentley, who is product manager for loaders at Sperry New Holland. Filtration to the 10-micron standard will substantially extend the use life of these machines, he adds.

The cab is an integral part of the frame, and an automatic hydraulic lockout prevents boom movement unless the operator is seated. Vibration absorbing engine mounts reduce noise transmission so the operator is working in a quieter environment.

Power for the "L-451" is supplied by a 31.5 HP Duetz air-cooled diesel engine. Attachments include buckets, pallet forks, utility forks, grapples, earth augers and a boom-mounted backhoe.

In addition, attachment mounting plates are available on special order. These mounting plates let owners of competitor loaders keep their backhoes and other attachments for adapting to their new loader when they trade on the "L-451", according to Bentley. He notes that some special attachments, especially those that get little use, can be kept active in this manner at a very economical investment as compared to replacement.

### Spreader features wood floor

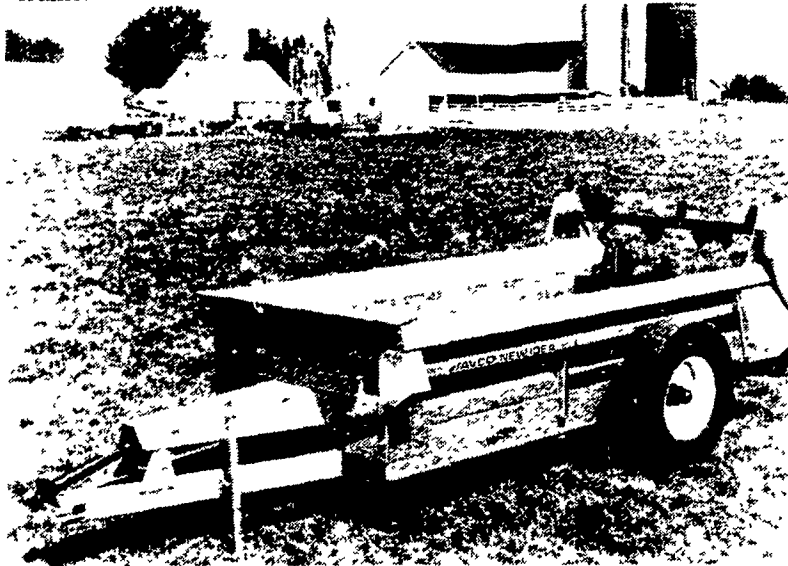
COLDWATER, Ohio — New Idea has introduced another in its emerging family of new animal waste handling equipment. The model 352 features a one-piece wood floor and "positive lock conveyor chain." An optional rubber sealed endgate controls sloppy material and helps assure clean over-the-road hauling.

In addition to a choice of single or two-speed conveyor drive, these 220-bushel spreaders offer an optional hydraulic conveyor drive.

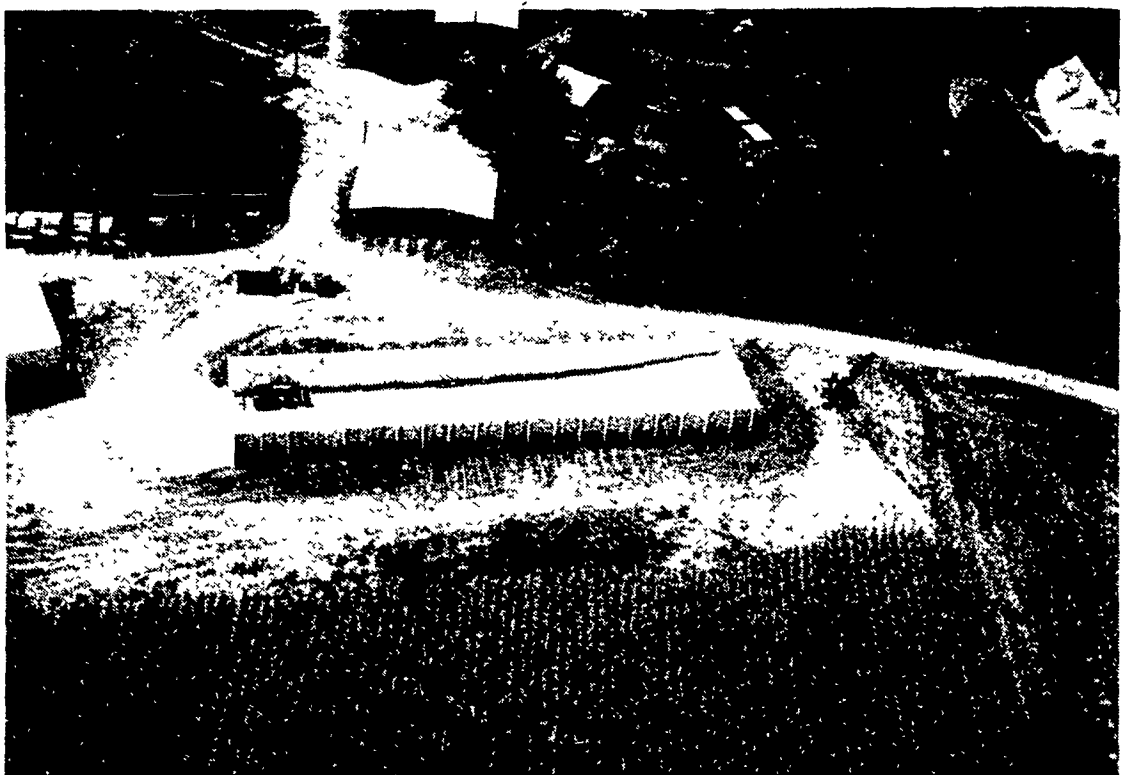
The sides are made of highly corrosive resistant "copper bearing" steel and have a zinc coating more than twice as thick as the galvanizing found on most products around the farm.

Zinc is a proven safeguard against rust and corrosion. Because the zinc is bonded into the steel, minor scratches "heal over" electrochemically. The result is exceptional box life.

The spreader box is fully supported by a one-piece hitch and frame.



The Model 352 manure spreader from New Idea has a one-piece wood floor.



The Smith Cattleguard Horizon bunker crop storage system is made of steel-reinforced precast concrete.

### Bunker silo system introduced

MIDLAND, Va. — The Smith Cattleguard Co., Midland, Va., has added the Horizon Bunker Silo System to their line of precast concrete farm products.

Doug Flory, SCC Vice President - Sales/Marketing, who holds a degree in Agricultural Economics from Virginia Tech, selected the Horizon concept after conducting extensive research into crop storage systems. The study compared the cost of a variety of systems in relation to their value in storing feedstuffs. As a result, the Horizon is designed to provide both convenient, economical storage and an optimum environment for retaining the quality of stored feed.

The Horizon is manufactured of steel reinforced precast concrete, the strongest, most durable building material available. The 12' high x 8' wide free-standing sections can be arranged to accommodate any available space. No footers are needed. The sections are secured with special bolt assemblies. All joints are butyl sealed. A concrete floor can be poured after the walls have been erected. The system is maintenance free and guaranteed for a lifetime.

Horizon Silos can be designed with storage capacities from as little as 100 tons to as much as 5,000 tons. A 30,000 lb. wheel weight load capacity allows maximum packing efficiency.

The Horizon provides the farmer with a substantial saving in initial investment. This system costs \$15-\$30 per ton of storage space. Additional savings are realized because no special automation is needed and because existing farm

equipment can be used for loading and unloading.

Beef producer Russell H. Inskoop has a 2,400 ton capacity Horizon System on his farm in Culpeper, Va. According to Inskoop, "The Smith Cattleguard Horizontal Bunker Silo gives us convenient storage at the least cost per ton and the flexibility to adjust our feeding program to our best

economic advantage."

Another Horizon owner, Bruce D. Lyons of Spotsylvania, Va., says, "The Horizon provides us with flexible capacity at a fraction of the cost of other systems. Reduced spoilage, good access in bad weather and the service given by Smith Cattleguard Co. are the reasons we brought the Horizon."

### Herr receives honor



Dennis M. Herr, of E.M. Herr Equip. Inc., Willow Street, was honored by Grain Systems, Inc. of Assumption Ill., one of the leading manufacturers of grain storage and handling equipment. Herr who acts as an authorized dealer for GSI, was presented an award for outstanding sales achievement for efforts during 1982. The award was presented to E.M. Herr Equip.

recently at GSI's annual dealers convention held this year in Freeport, Grand Bahama, located about 100 miles off the coast of Florida. GSI, currently the second largest manufacturer of grain storage equipment, produces bins from 1000 Bushels to 500,000 Bushels, as well as, a complete line of related equipment.

### PennAg opposes dairy tax

EPHRATA — PennAg Industries Association, a 500-member agribusiness trade group, recently announced its opposition to the dairy tax being proposed by Secretary John Block of the United States Department of Agriculture.

According to PennAg President William Brubaker of Lancaster, the tax will create an added burden to farmers while falling in its goal to reduce the surpluses of dairy products.

For years, the dairy industry has been subsidized by the federal government through milk support prices. This program encouraged massive dairy production, and the industry flourished. Now, in an effort to tailor that production, the government proposed a dairy tax. If dairy farmers cannot meet that expense, logic dictates they will increase their herds thereby in-

creasing production to offset the new cost. If the tax has this effect, it defeats its own purpose, and is potentially counter-productive.

The problem is complex and without an easy answer explains William H. Sprenkle, Spangler & Sprenkle, York, who is a feed miller. Having a sizeable dairy feed volume, Sprenkle is directly in touch with the dairy farmers' plight. He offers that an alternative to government intervention or taxation might be to encourage farmers to cull low-producing cows and better feed the high-producing cows. This move would benefit all dairy farmers in the long run because more efficient milk production leads to lower cost. And if these select cows were better fed to produce more milk, there would be no need to increase herd size.