

## PLANT LONGER WITHOUT STOPPING

# "Box Topper" For Deere, Kinze Planter Boxes

You can plant 60% longer before stopping with new add-on "box toppers" from Distel Grain Systems, LeSeur, Minn. Toppers boost capacity of Deere Max Emerge and Kinze Manufacturing planter boxes (which are a virtual carbon copy of the Deere units) from 1.6 bu. capacity to 2.6 bu.

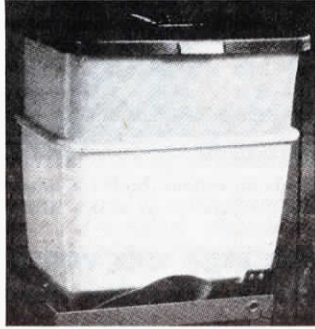
Manufacturer Lee Plonske says that increased time demands in the spring, particularly when planting soybeans, have made the add-ons necessary. "We're also able to outfit Buffalo, Hiniker and any other planter models which have been outfitted with Kinze planter units. We may also develop units for other planters if there is a demand," Plonske told FARM SHOW.

Box Toppers are made to match the planters they're fitted to. A yellow fiberglass model fits Deere Max Emerge planters and an off-white model fits the Kinze units. A waterproof lip fits over the top of the existing box. The entire unit attaches quickly with two small screws. The lip can be caulked for an airtight seal.

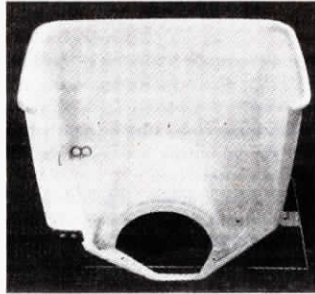
Box toppers sell for \$35 per row.

Distel also makes a seed flow insert for the bottom of Max Emerge and Kinze row units. The insert, which displaces about 3 lbs. of grain, steeps the flow of grain out the bottom, completely emptying every load of seed. "Usually there is 5 to 10 lbs. of seed left in the bottom of each row unit that doesn't empty. Our insert increases the amount of planting you can do on every trip," says Plonske.

The inserts are made from fi-



Add-on box topper matches Deere and Kinze planters in color and material.



Planter box insert is designed to completely empty Max Emerge and Kinze boxes.

berglass and install with four screws. They sell for \$15 per row.

For more information, contact: FARM SHOW Followup, Distel Grain Systems, Rt. 1, Box 245E, LeSeur, Minn. 56058 (ph 612 665-6776).

## "ROCKY" IS VIRTUALLY INDESTRUCTIBLE

# Mineral Feeder Won't Tip Over

You'll like "Rocky", the new free choice mineral feeder that won't tip over.

Introduced by Meyers Mfg. Corp., Dorchester, Wis., "Rocky is virtually indestructible, says Larry Meyer, vice president. "Plus, it won't rot or rust."

The black, all fiberglass feeder has a rounded, weighted bottom which keeps Rocky standing, no matter how much it's pushed and shoved.

The feeder holds about 75 lbs. of mineral. The hood over the feeder protects mineral from the elements.

Sells for \$189.

For more information, contact: FARM SHOW Followup, Meyer's Manufacturing Corp., Country Road A, Dorchester, Wis. 54425 (715 654-5132).



"Rocky" won't rot, rust or tip over, no matter how much abuse cows give it.



New chopper wagon dumps its load out the back or feeds it into bunks with a side-unload conveyor. All moving parts are openly accessible for maintenance and service.

## "HALF THE COST OF A COMPARABLE CONVENTIONAL SYSTEM"

# New Forage Wagon Chops And Hauls

A forage wagon that both chops and hauls, eliminating the need for a separate chopper and wagon, will soon be available for the first time in the U.S. after being used successfully for several years in Europe and certain areas of Canada.

The Krone self-loading chopper wagon is manufactured by KMN Modern Farm Equipment, a Dutch company with North American headquarters in Westwood, N.J. Company representative Chris Abele says the company plans to introduce the machine this spring on their Illinois test farm and will have several machines in the field for the 1983 haying season. If all goes as planned, the machine will be available on a widespread basis by 1984, says Abele.

Ray Feenstra, Abbotsford, British Columbia, is a Western Canadian dealer of the Krone feeder wagon. "It'll do the same job as a conventional forage harvester for half the investment," he told FARM SHOW. "The machine has fewer moving parts so there's less maintenance and it's built to last more than three times as long as a conventional forage harvester."

Here's how the new chopper/wagon works:

Up front, it has a windrow pickup identical to the one on the popular Krone baler. Hay, carried by a drum, rakes across the machine's 41 teeth which cut it to a minimum length of about 2½ in. Unlike a conventional forage harvester, which may have 6 to 8 moving blades, the 41 blades in the Krone machine are stationary and all can be removed in seconds — without tools.

Once past the knives, a belt picks up the chopped forage and drops it onto the chain floor conveyor in the

wagon. The conveyor carries the material towards the back of the wagon where it packs itself, piling up until the wagon is full. The load can then be dumped out the back into a stack, or onto a silage blower, in about 2 min. unload time, or fed out the left or right to livestock with a rear cross conveyor. All unloading operations can be controlled from the tractor seat.

The entire bank of knives is spring loaded to pull back when a rock or other foreign object is picked up. All moving parts are openly accessible for easy maintenance and service.

The Krone machine is designed for hay and grasses — it can't be used on corn — and Feenstra says the 2½ in. chop length is well liked by his Western Canadian customers. "It makes good silage, and is especially easy to handle in bunk silos. The stationary knives use about half as much power as other choppers," he says, noting that the machines require 15 to 20% less horsepower than similar sized choppers, yet do the work just as fast.

Because the chopper and wagon are combined in one machine that has an overall lower horsepower requirement, Feenstra says farmers can buy two of the machines and get the work done twice as fast for nearly the same investment. One drawback is that the entire wagon must be transported to unload, or the load somehow transferred to another wagon in the field.

The Krone harvester will be available in three sizes ranging in price from \$14,000 to \$20,000.

For more information, contact: KMN Modern Farm Equipment, 12 Sullivan St., Westwood, N.J. 07675 (ph 201 666-3707).