Add-on elevator increases combine grain handling capacity.

"Lift" Stops Grain Damage In Combines

The inventor of the "Bean Veyor", a belt conveyor that replaces the regular combine unloading auger to eliminate damage to soybeans as they're unloaded, has developed a new invention that reduces damage to soybeans as they're being threshed.

The new "Bean Lift" is a low-speed elevator leg that moves beans from the separation area in the combine to the bin and completely replaces the clean grain elevator.

"The Bean Veyor eliminates damage as beans are unloaded by auger. We used to think the rest of the damage was done in the cylinder or separator area but, by testing, we discovered that it was actually occurring in the clean grain elevator as a result of mechanical damage due to the high speed at which the cups or paddles handled them. The beans were actually smashed when trapped between the chain and the sprockets, and as they slid along the sidewalls," says Gale E. Maust, president of Maust Enterprises, Inc.

"Many owners have attempted to reduce damage problems by replacing the rubber paddles with steel cups. The steel cups do help prevent elevator plug-up due to mud but a great deal of damage can still occur as a result of the sliding action and the high speed at which the cups operate," explains Maust.

The new Bean Lift, which fits all Case-IH Axial Flow and Deere 6600 and 7700 models, consists of 6 by 10-in. cups that travel at 1/6th the speed of standard clean grain elevators.

The Bean Veyor and Bean Lift were developed primarily for the dry edible bean market but Maust says interest has been strong from growers of everything from peanuts to soybeans to corn. The two add-on units sell as a package for $3,000 to $3,500, depending on make of combine.

For more information, contact: FARM SHOW Followup, Gale E. Maust, Maust Enterprises, Inc., 8639 Pigeon Rd., Bay Port, Mich. 48720 (ph 517 453-3837).

Apply Nitrogen As You Cultivate

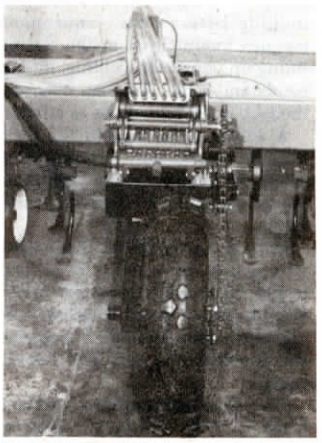
"It's the most efficient way to apply liquid nitrogen to growing crops," says Dennis DeSchepper, of DeSchepper Farm Supply, Inc., Bremen, Ind. The company has developed a nitrogen lay-by unit that applies liquid nitrogen using a ground-drive squeeze pump.

DeSchepper says the problem with using conventional pump set-ups is that speeds vary through the field when cultivating because of weed infestations and the changing condition of the crop, especially when corn has been planted during a difficult spring.

DeSchepper's new system uses a ground-drive squeeze pump that adapts to varying conditions, always applying the same even rate of liquid. Rates can be varied from 5 to 30 gal. per acre simply by changing the pump drive sprocket. DeSchepper says many farmers have found that two or three applications of 28% nitrogen at 10 gal. per acre provides more benefit than a single application of 30 gal. before planting.

DeSchepper's kit includes a John Blue squeeze pump, all mounting brackets to fit tool bars from 4 to 7 in. sq., drive sprockets, brackets to apply nitrogen on the shovel closest to the row (so that a follow-up shovel buries it at about a 2-in. depth), and all plumbing required. Kit sells for $978 for a 6-row cultivator. Units also available for 4, 8 and 12-row cultivators.

Contact: FARM SHOW Followup, DeSchepper Farm Supply, Inc., 13600 Patterson Road, Bremen, Ind. 46506 (ph 219 633-4645).



Ground-driven cultivator-mounted squeeze pump applies nitrogen evenly to standing crop.

INSTALLS IN LESS THAN AN HOUR

"Easy Up" 1/4-Mile Do-It-Yourself Fence

"We've practiced controlled pasturing of cattle for the past 25 years. Constantly taking up fence and moving it is time consuming and hard work. That's why we invented this new easy fence system," says inventor Bill Glen, about his ¼-mile fence kit that goes up in less than an hour using only a pair of pliers.

The $200 fence kit consists of corner posts, enough fence posts to space them 45 to 50 ft. apart, a single strand of steel or poly wire, clip-on wire retainers, and a wire roll-up spool.

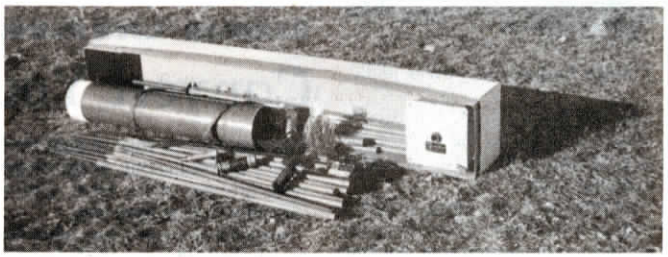
The first step is to install the corner post with the step-in tool supplied with the kit. You simply step the post into the ground with your foot. In extremely hard and dry or rocky ground, you put the post in with a sledgehammer. The step-in tool is also used to pull posts.

Next step is to put the retractable wire spool on the corner post at the desired height and tie the loose end of the wire to your belt. Then, put the post "quiver" over your shoulder, with all the equipment in it, and walk to where you want the first post. The posts step in at 45 to 50-ft. intervals. When you get to the end of the fence you install a 1⅜-in. by 3-ft. post and anchor the end of the wire. Then, you go back over the fence and install wire retainers that hold the wire in place. The last step is to go back to the wire spool and crank up the wire to the correct tightness. You can then put it into use with a fence charger.

Wire crank, included with kit, mounts on end post.

Adding another ¼ mile of fence costs only $150 since you already have the installation tools supplied with the first kit. Taking the fence down requires even less time than installation. Gates and other accessories are also available. Glen also makes easy-to-install permanent fencing.

For more information, contact: FARM SHOW Followup, Bill Glen, Hitch Finder Inc., Box 310, Pincher Creek, Alberta TOK IWO Canada (ph 403 627-4482).



Kit contains everything needed for a ¼-mile fence.