Photo courtesy Mike Williams, Rochester Agri-News

Tom Manning's Cornmobile will hold 100 bu. of high-moisture ear corn up to a month or more without spoilage.

The "Cornmobile"

(Continued from cover page)

behind a pickup at regular road speeds.

Side panels of the Cornmobile are made of two ¼ in. sheets of plywood with 1½ in. of urethane foam in between for insulation. There are two, 18 in. square doors on top with gaskets that tightly seal the corn from oxygen, and allow for quick, easy loading of corn into the unit from a permanent silo storage facility.

Leon Holst, Goodhue, Minn., uses a prototype Cornmobile to haul high moisture rolled corn to young stock 1½ miles away from his silo.

"I'm real happy with it. I've stored corn for a long as a month and it's just as cold and fresh when we take it out as when we put it in," he told FARM SHOW.

Plainview, Minn., farmer, Hugh Young, had some corn in a silo ¾ of a mile from his home farm. He used the Cornmobile for hauling high moisture shelled corn back to his dairy and young stock. "The longest I kept corn in the cornmobile was 4 days. It's a great way to preserve high moisture corn when moving it to another area," he notes.

Manning believes the Cornmobile is especially suited for the farmer with high moisture storage who buys or rents a neighboring farm with no storage. He can use the Cornmobile to haul high moisture corn to dairy, beef, hogs or poultry at the new place. The dairy farmer who has his milking parlor a great distance from his central feed storage and bunk can use the Cornmobile to feed high moisture corn in the parlor without having to build another feed-storage area.

"If you're strictly a cash grain farmer, you don't have to burn up dollars drying corn or other grain. Store it high moisture and sell it to livestock and poultry producers within a 10 to 15 mile radius, delivered by Cornmobile. For every 1,000 bu. of corn stored with natural moisture in it, you sell 1,000 bu. If you dry it, you sell approximately 850 bu.," Manning points out.

Two 4 in. augers run through the Cornmobile for unloading. The augers have airtight caps and can be powered by electricity, pto or a 2 hp gas engine. Between the augers, inside the unit, is a V-shaped ridge that aids feed flow and helps prevent feed from bridging inside.

Attached to the Cornmobile is a concentrate blender to allow for mixing while unloading. The transport is tandem to minimize "bounce" when in transit. The smooth ride helps minimize packing of the corn as it's moved from one location to another, allowing it to gravity feed — without bridging — into the bottom unloading augers.

Manning plans to market the Cornmobile, pending further evaluation and testing of prototype units now in the field. Production costs for the prototypes were right at $6,000 each.

For more information, contact: FARM SHOW Followup, Manning Futuristic Inc., P.O. Box 156, Dover, Minn. 55929 (ph 507 932-4495).

FARM SHOW

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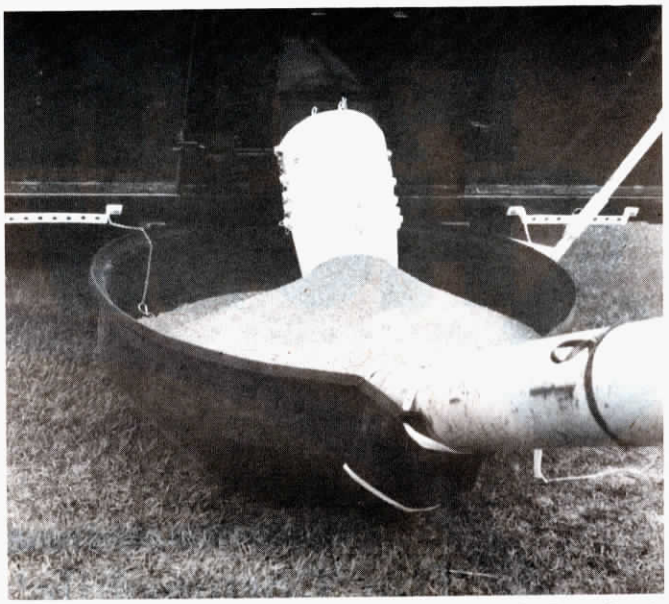

As the hopper fills up, the spout from the truck stops the flow of grain from running over the sides.

PREVENTS SPILLS WHEN TRANSFERRING GRAIN

"Automatic" Spout For Grain Trucks

"We've used it for several years and it works great," says Melvin Koch of Three Hills, Alberta, inventor-manufacturer of a new automatic spout for endgates that lets you transfer grain without spilling.

The spout consists of five "bottomless" buckets, one inside the other and all connected by two nylon straps and one thin chain strung through "eyes" along the upper lips of the buckets. To use it, you simply fit it to the endgate with the attachments provided and back up the auger hopper where you want to dump it. As the hopper fills up, the bucket spout stops the flow of grain from running over the sides. When the truck box is lifted to dump the rest of the grain, you simply shorten up the bucket spout with straps on the side, and keep dumping.

When grain flow from the truck exceeds speed of the auger, the flow is stopped and resumes when the spout mouth is cleared again. Koch notes that the five buckets, specially made, are shaped like cones.

Each truck spout includes the spout itself, a special endgate that attaches to the spout, and the mechanism to lift the endgate. The smaller model, to fit endgate openings from 13 to 20 in., sells for $161, and the larger, for openings from 20 to 36 in., sells for $193.

For more information, contact: FARM SHOW Followup, Melvin Koch, Box 472, Three Hills, Alberta TOM 2AO Canada. (ph 403 443-7471).

Five telescoping "bottomless" buckets form the spout connected to the truck endgate.