

Old Pickup Converted Into Low-Cost “Feed Truck”



Peter Donnelly built this feed truck by combining parts from a Ford F-350 pickup and an old gravity wagon box.

Peter Donnelly, Newark, N.Y., converted an old Ford F-350 4-WD longbed pickup into an inexpensive feed truck by removing the bed and mounting an old gravity wagon box on top of the pickup frame.

“It goes through mud and snow very well, and the heated pickup cab is much more comfortable than using a tractor to pull the

gravity wagon. I didn’t spend anything to build it,” says Donnelly. “I pull up alongside our feedlot fence and manually open the wagon’s chute, then drive along and fill the feed bunks for my beef cows.”

Donnelly already had both the pickup and the gravity wagon. He used a torch to cut off the bed behind the cab and bolted a pair of 6



He bolted a pair of 6 by 6 wood beams onto the pickup frame, then bolted the hopper onto it using original mounting brackets.

by 6 wood beams onto the frame. He unbolted the hopper from the gravity wagon and used a loader tractor to set it on the beams, then used the hopper’s original mounting brackets to bolt it on.

The hopper holds 200 bu. of feed, and Donnelly says a full load causes the pickup to ride pretty low. “I plan to install heavier

leaf springs on the pickup. I also plan to add a 4-in. dia. swing-out auger on the gravity box, which I’ll use to load feed into bins or other wagons,” he says.

Contact: FARM SHOW Followup, Peter Donnelly, 3082 Maple Ridge Road, Newark, N.Y. 14513 (ph 315 909-4400; peterdonnelly9988@gmail.com).

Edible Bale Wrap Could Solve A Huge Waste Problem

An invention by three PhD students at London’s Imperial College may go a long way toward solving the problem of dealing with the millions of pounds of plastic bale wrap that’s discarded annually around the world. Nick Aristidou, Will Joyce and Stelios Chatzimichail came up with an edible bale wrap they call BioNet that cattle can eat right along with their forage.

Joyce, who grew up on a beef farm in Rutland, England, says the idea of the edible wrap came to him after having to deal with a large stack of bale wrap plastic on his parent’s farm. He and his classmates started working on an edible biopolymer as part of a PhD project. They’ve eaten the product themselves, fed it to local animals, applied for a patent, and are currently planning official testing in several countries before bringing

the product to market.

Ingredients used to produce the clear wrap are proprietary, but cattle seem to like the taste. The group says their invention enhances the digestive process for ruminants while reducing the output of methane gas.

“The end goal is to have every livestock farmer use the product, but that’s a few years off,” says Aristidou. Their development plans in the meantime include meeting with farmers to find out what nutrients or probiotics could be included in the material, tailoring the product to cattle and sheep, locating small scale production facilities, and eventually expanding to large scale production.

Contact: FARM SHOW Followup, Will Joyce, 17a High Street, Morcott, Oakham, Rutland, United Kingdom LE15 9DN.



Cattle can eat clear edible bale wrap right along with their forage.



Fold-up trash bin uses 2 rectangular metal rod frames that connect at the center and fold out into an “X” shape.



Simple Foldable Trash “Bin”

Welder Paul Zook came up with this fold-up trash “bin” that holds a 55-gal. trash bag.

“It’s great for outdoor picnics, camping trips, or any place else you need a temporary place to put your trash,” says Zook.

It consists of two rectangular metal rod frames that connect at the center and fold

out into an “X” shape with the back stretched over the top.

Sells for \$38 plus S&H.

Contact: FARM SHOW Followup, Paul Zook, Z-Tec Welding, 399 Mt. Vernon Rd., Gap, Penn. 17527 (ph 717 442-9378).

Garage Door Opener Converted To Side-Mount

Needing more overhead room in his shed, Larry Wood converted the garage door opener into a side-mounted one.

He got the idea soon after he built a large new shed equipped with 3 overhead doors. Two of the doors are 12 ft. wide by 12 ft. high, with a ceiling height of 14 ft. He was able to use standard long-stroke door openers on those. But the third door is 8 ft. wide and tall, and that’s where he mounted the side-mounted opener.

“I came up with the idea because I drive our motorhome in through one of the 12-ft. high doors. The back end of the motorhome extends in front of the 8-ft. door, which is why I needed to keep the space above the door open.”

His solution was to buy a standard opener and mount it vertically on a wooden beam next to the door. He also bought a chain sprocket and installed it on the door spring shaft, and then installed a chain to drive the door.

“It works better than I thought it would. The mounting bracket for the door opener is adjustable, which makes it easy to tighten the chain if necessary,” notes Wood.



Larry Wood gained more overhead room in his shed by converting a standard overhead garage door opener to a side-mounted one.

Contact: FARM SHOW Followup, Larry Wood, 2081 Newmans Cardington Road, Waldo, Ohio 43356 (ph 740 360-1956; lawpressman@aol.com).