

USES "WEIGH WAGON" TO CHECK YIELDS

Farmer Puts Scales On Gravity Flow Wagon

Thanks to his new "made it myself" weigh wagon, Walt Herrmann, Brimfield, Ill., checks yields right in the field.

Herrmann converted a gravity flow wagon to a weigh wagon by mounting torsion-type "weigh bars" under each corner of the box. Connected to a

monitor, the weigh wagon measures loads to within 1/2%.

Herrmann used a 240 bu. M & W Gear Little Red Wagon. "This wagon is ideal because it's fitted with a rocking bolster. That keeps the box from bouncing around and maintains alignment on the weigh bars," says

LIFTS UP TO 2,200 LBS. IN 40 SECONDS

New "Sure Dump" Uses Truck Exhaust To Lift

The new "Sure Dump" uses your pickup's exhaust to raise loads up to 2,200 lbs. in less than 40 seconds.

Manufactured by Simplex, Portland, Ore., the Sure Dump frame sits in the pickup bed, fastening with only three pins for quick attaching and removal. The bed is made of reinforced fiberglass.

When you're ready to dump the load of dirt, hay, grain or whatever, you simply attach the heat-resistant hose to the truck's exhaust pipe. The exhaust inflates the neoprene, heat-resistant bag. A combination of the

exhaust and a lever-action system lifts the Sure Dump box which pivots off the frame fastened to the truck bed.

If you forget to release the exhaust hose, it automatically pops off the truck's exhaust pipe once the box reaches the maximum height and pressure in the bag becomes too great. The manufacturer says the system will not hurt the truck's engine.

A simple ball valve on the hose allows you to release the exhaust to lower the box.

With the rig, you can also "feather"

Herrmann, noting that he's in the process of converting a second wagon that's built without a rocking bolster. He had one built at a local blacksmith shop and plans to add it to the wagon for the extra stability.

Herrmann uses the wagon to check yields on test plots of corn. He harvests a plot and dumps it into the wagon. If the wagon already has grain in it, he simply subtracts each successive reading from the last. A 12-V monitor gives a clear digital readout.

"We used to have to drive as far as 4 miles away to a fertilizer plant. Now we just dump at the edge of the field," says Herrmann, who has lots of test plots because he raises seed corn. He

loads by hooking the hose to the exhaust and slowly driving ahead as the box raises.

Sure Dumps are available to fit short-bed and long-bed pickups of both foreign and domestic makes. Model 8000 for short-bed trucks weighs 193 lbs., and has a 24.3 cu. ft. capacity. Two-foot sideboards boost its capacity to 76.3 cu. ft. Sells for \$1,250.

Model 9000 for long-beds weighs 287 lbs., and has 57.4 cu. ft. capacity (143.4 cu. ft. with sideboards). Sells for \$1,550.

Sure Dumps are also available on single and tandem axle trailers for towing behind a car and using the car's exhaust to lift.

For more information, contact: FARM SHOW Followup, Simplex, 13340 Whitaker Way, Portland, Ore. 97230 (ph 503 257-3511).

says the idea would not be practical to convert all of his wagons to weigh bars because of the cost. "It cost about \$1,900 for the four bars and monitor."

The torsion bars themselves are about 12 in. long. They're installed by jacking up the box and mounting brackets in all four corners to hold the bars. Once installed, they'll raise the height of the box about 4 in.

For more information about weighbars, contact: FARM SHOW Followup, Weigh-Tronix, Inc., 1000 N. Armstrong Drive, Fairmont, Minn. 56031.



Hose fits quickly over exhaust pipe to dump loads.

HAY-CUTTER CONVERSION KIT FROM THE MANUFACTURERS OF TIGER JAWS

"Razor Cat" Sickle Boosts Capacity 50%

"It boosts hay-cutting capacity 50%," say developers of the new Razor Cat cutterbar for mower-conditioners and windrowers. The Herschel Corp., manufacturers of the new Razor Cat, also produces the popular Tiger Jaws add-on combine cutterbar that's caught on fast with grain and soybean farmers.

The new Razor Cat cutterbar conversion kit consists of all-new guards, sickle sections and hold-down clips. It features Herschel's popular bolt-on sickle sections that eliminate rivets and let you change sections without dropping the guard while the sickle is in the machine.

Key to success of the new hay-cutting sickle is that it has twice as many guards as a conventional cutterbar. The guards are spaced on 2-in. centers and the sickle has a 3-in. stroke so there's a 1/2-in. overstroke.

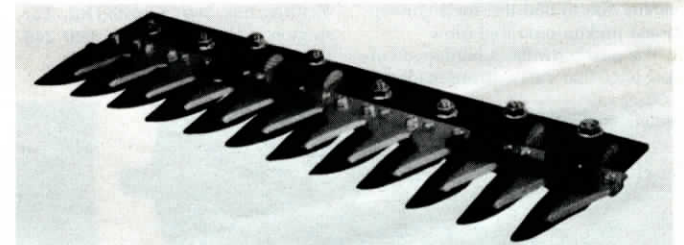
"On conventional cutterbars, the sickle section is already slowing down for the return stroke as it cuts hay against the guard. On the Razor Cat, each sickle section cuts hay at full velocity and only slows down

when it has passed through the guard. That means the sickle is moving about 26% faster as it cuts the hay and, due to the increased number of guards, there are 50% more cuts per cycle," says Larry Cook-Isaacson, Herschel representative who notes that the sickle sections themselves are longer than conventional sections for increased cutting area.

"It lets you increase ground speed while the cleaner cut puts less stress on the sickle drive system. Because of its high capacity, you can keep going in even the most difficult cutting conditions without clogging or overloading the system," says Cook-Isaacson.

The Razor Cat conversion kit sells for \$45 to \$50 per foot, depending on the model. Limited quantities are available for the 1985 season.

For more information, contact: FARM SHOW Followup, Herschel Corp., 1301 N. 14th Street, Indianola, Iowa 50125 (ph toll-free 800 247-2167 or 515 961-7481).



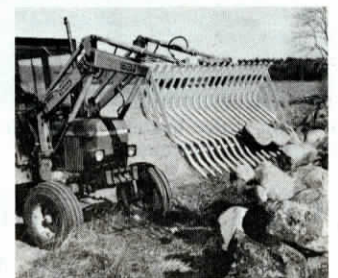
All-new sickle is designed specifically for cutting hay.

New Rock Fork For Tractor Loaders

New from Sweden is a rock fork for tractor loaders.

The front tines are tapered to a slightly lower level, which allows them to comb the soil surface without the rest of the fork coming in contact with the ground, explains the manufacturer. A ridge between the front tines and the rear three-fourths of the fork prevents collected rocks and stones from falling out while new ones are being collected. When the fork is full, it is easily unloaded onto a dump or into a truck.

Model S1900 is 75 in. wide and equipped with 24 tines spaced 3.25 in. apart. It sells for \$880 (U.S. dollars). Model S1350 is 53 in. wide and has 17 tines spaced 3.25 in. apart. It sells for \$730.



Bucket design makes it easy to dump load when full.

For more details, contact: FARM SHOW Followup, Eastern Farm Machinery Ltd., 340 Edinburg Road H, Guelph, Ont., Canada N1H1E1 (ph 519 836-2400).