

AUTOMATICALLY EXPELS SAND AND SILT

"Flusher" Eliminates Plugged Center Pivots

A York, Neb. farmer has devised a simple solution to the problem of sand and dirt that plugs up nozzles on center pivots.

Rex Geiger was fed up with the sand-flushing systems on his center pivots soon after he installed them in 1977. His two new wells were pumping too much sand which clogged the sprinkler nozzles faster than he could unplug them.

"There are sand traps on the ends of the pivots, as on most systems. You just unplug them and let the sand drain out. They don't hold enough sand, though, and if I didn't empty them every hour or so they would back up and plug my nozzles," Geiger told FARM SHOW.

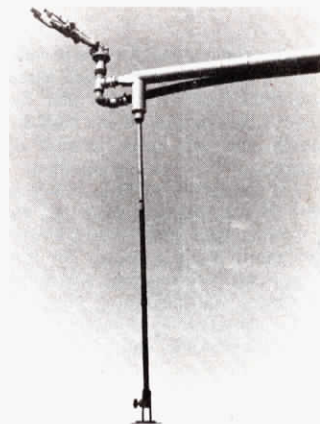
To solve the problem, he came up with a sand and silt eliminator called the "Flusher". It requires no regular maintenance and expels potential nozzle plugging material continuously.

The device consists of 4 ft. of 1-in. pipe, a brass valve and a round steel plate. "We pull out the sand trap plug and screw the pipe into the hole, with the valve on the lower, opposite end. The steel plate is suspended below the valve to deflect the sand and water as it comes out," he explains.

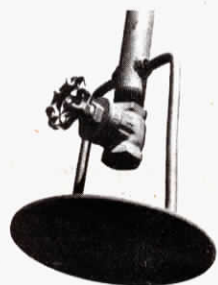
The operator adjusts the valve to the right opening to get rid of the sand in his particular system and then lets it be. Because of the 4-ft. pipe, you don't even have to climb on a ladder to adjust the valve.

Without the steel plate below the nozzle, Geiger says the stream of water shooting out will cut a deep trench in the field. With the plate, he says the existing water helps irrigate an area under the pivot which often doesn't receive adequate water. The plate hangs from the pipe on a U-shaped hinge, which allows it to swing when passing through tall corn.

Geiger's "Flusher" is being manufactured by Even-Temp Co., a



The 4 ft. "Flusher" screws into the conventional sand trap. A steel plate, below, deflects sand and water as it shoots out of the center pivot, preventing damage to crops below.

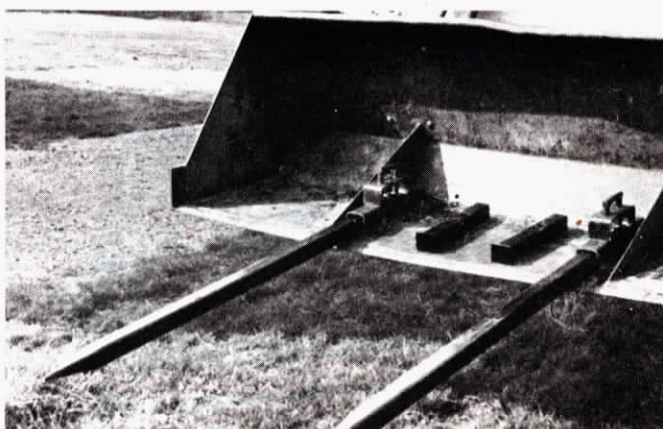


Photos courtesy Nebraska Farmer

wood-burning stove manufacturer in Waco, Neb. The deflector plate on the Flusher is actually the 8-in. exit port on the company's stoves, allowing them to make use of scrap materials.

Geiger says the Flusher will sell for \$30 to \$35.

For more information, contact: FARM SHOW Followup, Even-Temp Co., Waco, Neb. 68460 (ph 402 728-5255).



"Easy Tach" forks slip into permanent mounting plates on loader bucket.

LETS YOU CARRY BIG BALES, PALLETS

"Easy Tach" Forks For Tractor Loaders

"I bought a big round baler last fall, then tried several different types of loaders to carry the bales for feeding and storage. None of them worked," explains Dale Ward, who farms near LaPorte, Ind.

Dale decided instead to build his own detachable bale forks for his manure loader bucket. The forks also double as a fork-lift attachment for lifting skids or pallets of supplies.

The "Easy Tach" forks, as Ward calls them, can lift up to 3,000 lbs. with only the tractor bucket for support. The 68-in. forks are easily slipped in or out of permanent mounting brackets located about 4 to 6 in. inside the cutting edge of the bucket.

The forks detach in seconds for storage, or when using the bucket for other chores, but the mountings stay in the bucket. "These permanent mountings don't affect bucket performance or capacity," according to Ward.

He says his Easy Tach forks fit most brands of tractor loaders and some skid loaders. They sell for \$237 per pair, FOB LaPorte, Ind. Ward is looking for distributors and welcomes inquiries from manufacturers interested in taking over production.

For more details, contact: FARM SHOW Followup, Dale Ward, 0354 East 1000 North, LaPorte, Ind. 46350 (ph 219 778-2212).

FIT PICKUPS, VANS, TRUCKS

Radiator Covers Keep Heat In, Bugs Out

Here's an innovative "cover up" for pickup grilles that serves as a combination summer bug screen and winter "radiator blanket".

The bug screen and radiator blanket are separate covers but use the same mountings for interchangeable, year-round versatility on pickups, vans or trucks.

Installation consists of drilling holes in the truck's front grille and screwing in a series of Velcro fasteners. The bug screen and winter cover both fasten to the Velcro fasteners and can be interchanged in seconds.

Made by Longhorn Mfg., in Gallatin Gateway, Mont., the covers fit all domestic pickups and vans, jeeps and scouts and most imported mini-trucks.

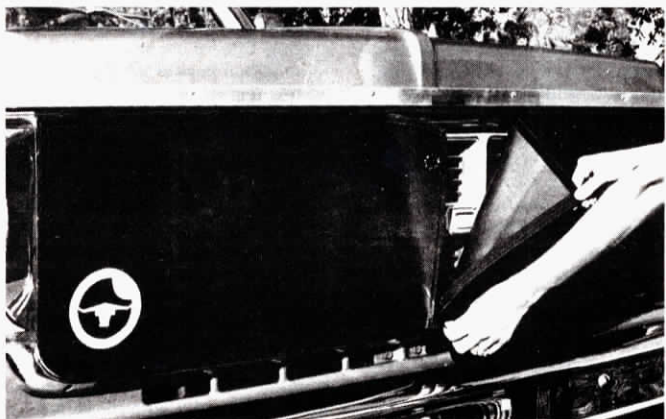
The winter grille cover is designed

to shorten engine warm-up time, increase interior warmth and protect the grille from snow, ice, sand and salt. It also replaces unattractive cardboard cover-ups. It has a built-in zipper for regulating the amount of air admitted to the engine.

The summer bug screen helps keep the radiator from plugging with insects, leaves and dirt and prevents overheating caused by plugged radiator fins. It washes easily at commercial car washes.

The Cold Front radiator blanket sells for \$29.95 and the Bug Screen sells for \$23.95.

For more details, contact: FARM SHOW Followup, Longhorn Mfg., Box 284, Gallatin Gateway, Mont. 59730 (ph 406 763-4304).



Grille cover unzips to let air into engine during warm weather. A bug-proof screen is also available.