

"CAN BE PULLED BY ANY SMALL TRACTOR"

"New And Improved" 3-Pt. Gopher Killer

If you've got serious gopher problems, you'll like this new 3-pt. mounted gopher killer that can be operated by any small tractor. It kills gophers by poisoning them underground.

"It's built to last and is 90 to 100% effective on the first pass," says inventor Patrick Wendelin, Herndon, Kan.

The gopher killer digs artificial tunnels that intercept the gophers' runways. A 20-in. dia. coultter is mounted in front of the steel shank, with poison delivered underground out the back of the shank, safely away from livestock, other wildlife and pets. A floating packer wheel returns the soil to its original condition.

"We designed it to solve problems with other underground gopher killing machines," says Wendelin. "Nine out of 10 models we sell are to farmers who've already tried other brands. It weighs only about 300 lbs. and can be pulled by a 30 hp tractor equipped with front wheel assist. It has a minimum of moving parts, and all parts except for the shank and packer wheel are available off-the-shelf at local parts stores. It uses a replaceable Deere hoe drill point and a Deere or Kinze planter seed box bait hopper. The hopper is equipped with a soybean metering cup so you can mix the bait with pellets or milo.

"The coultter has self-aligning bearings instead of bushings so it won't bend. It digs as deep as the hoe drill point to keep it from digging up dirt and makes an incision so slight that the machine is recommended for



Gopher killer digs artificial tunnels that intercept gophers' runways. A 20-in. dia. coultter is mounted in front of steel shank, with poison delivered underground out back of shank.

use on golf courses. The packer wheel is built from steel, not rubber, so it will last. When raised at the end of a row, the packer wheel is disengaged to prevent bait from spilling on the ground surface.

"You can cover up to 60 acres per day at speeds of 3 1/2 to 4 mph, spacing tunnels 25 ft. apart."

Sells for \$1,950.

Wendelin also is a distributor for new Leat-O-Tex non-restrictive bait. "It's superior to strychnine because it only has a 30-day life and gophers won't develop resistance to it," notes Wendelin.

Contact: FARM SHOW Followup, Western Alfalfa Gopher Killer, Box 186, Herndon, Kan. 67739 (ph 913 322-5515).

DESIGNED FOR HEAVY-DUTY USE

Automatic 3-Pt. Hitch For High Hp Tractors

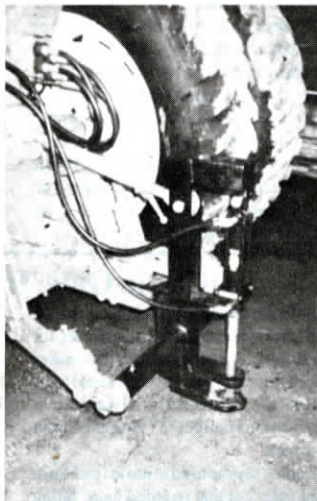
"Our new automatic 3-pt. hitch is designed for tractors up to 200 hp. It lets you hook up and unhook any implement right from the tractor seat," says R.W. Turner, Jr., Gates, Ind.

The "Hydra Hitch" mounts on the tractor 3-pt. hitch arms and is fitted with a 2-in. dia. hydraulic cylinder that operates a 1 1/2-in. dia. hitch pin. To hook up to an implement, you lower the 3-pt. hitch to ground level and back up to the implement tongue. Then you use the cylinder to push the hitch pin through the hole in the tongue to hook up.

"Most other automatic 3-pt. hitches are designed only for small tractors and require that you mount a receiver or some other gadget on the implement tongue," says Turner. "Once the implement is hooked up you can unplug the hydraulic hose and use the remote outlet for other jobs, if necessary."

Sells for \$700. A model for 100 hp and lower tractors sells for \$500.

Contact: FARM SHOW Followup, R.W. Turner, Jr., Hydra Hitch, Rt. 1, 1045 Five Mile Lane, Gates, Ind. 38037 (ph 901 635-0400).



To hook up, 2-in. dia. hydraulic cylinder pushes 1 1/2-in. dia. hitch pin through hole in tongue.



Steel hopper is equipped with timer, allowing feed to be discharged at predetermined intervals. For increased capacity 10-ft. long extensions can be coupled to hopper.

BATTERY-OPERATED UNIT AUTOMATICALLY DISPENSES LIMITED AMOUNTS OF FEED

New "Timer-Controlled" Portable Livestock Feeder

"Our new battery-operated livestock feeder lets you automatically feed livestock small doses of feed several times a day, resulting in much better feed efficiency and reduced labor," says Loren Vigessaa, Sheyenne Manor Cattle Co., Cooperstown, N. Dak.

The portable "Automatic Chuckwagon" consists of a 16-ft. long steel hopper mounted on steel legs. A timer and a 12-volt D.C. motor mount at one end of the hopper. The motor chain-drives the feed auger inside the hopper which discharges feed at predetermined intervals through holes spaced evenly along the bottom of the hopper. Animals have access to feed on both sides.

"It's designed for the small feedlot operator or the average size cow-calf operator who can't justify the cost of large computerized feeding systems," says Vigessaa. "It's battery operated so you can use it as an automatic feeding system in remote areas where no electric power is available.

"We originally designed it to provide supplement feed in late summer to our yearling steers and heifers on pasture. We didn't want to have to drive out every day to hand feed them extra grain. The 12-volt

deep-cycle battery lasts about two months running twice a day without having to be charged, even at temperatures down to 30 below. The timer lets us decide exactly how much feed to provide. Feeding small doses keeps livestock from overeating and improves feed efficiency.

"In tests at North Dakota State University, calves fed several times a day gained 1/3 lb. more per day compared to hand-fed calves given the same amount of feed.

"It can also be used for finishing cattle and for dairy cows, hogs, sheep, and even wildlife in remote areas."

The 16-ft. hopper holds 120 bu. of feed. One hopper can feed 25 to 30 head of 600-lb. calves over about 20 ft. of feedbunk. For increased capacity 10-ft. long extensions can be coupled to the hopper.

Options include a solar charger for the battery and removeable hitch and wheels for transport.

Sells for \$2,800. Extensions sell for \$475.

Contact: FARM SHOW Followup, Sheyenne Manor Cattle Co., Rt. 2, Box 52, Cooperstown, N. Dak. 58425 (ph 701 797-2301).

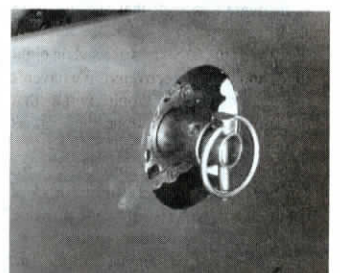
LETS YOU SHUT OFF DRIVE CHAIN IN SECONDS

Insecticide Shutoff For Deere Planters

Clever-Tech, Inc., Jesup, Iowa, offers a new insecticide shutoff for the Deere Max-Emerge planter that eliminates the need to remove the box when switching from corn to beans. Lets you shut off the drive chain in seconds. To install, a 2 3/8-in. dia. hole is cut into light metal side plate, using an electrician's punch and die or hole saw.

Sells for \$19.50 each. Template for drill guide is furnished.

For more information, contact: FARM SHOW Followup, Clever-Tech, Inc., 4121 S. Canfield Rd., Jesup, Iowa 50648 (ph 319 827-1311).



To install, 2 3/8-in. dia. hole is cut into light metal side plate.