

**THEY ONLY HARM COYOTES
THAT ATTACK LIVESTOCK**

Poison Sheep Collars Kill "Killer" Coyotes

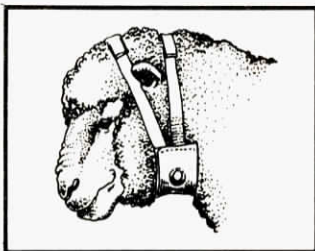
Coyote poisons have been banned in the United States for the past 10 years but, thanks to a recent ruling by the Environmental Protection Agency, they'll soon be back on the market. The coyote killing tool most likely to take over the market is a collar developed by Texan Roy McBride, owner of Rancher's Supply Inc., Alpine.

The coyote killing collar is sold now throughout the world, primarily in Mexico, Canada and South Africa (for jackals). It's made out of black rubber that has two soft depositories in it for the injection of poison. Two Velcro straps fasten them to sheep necks.

"Coyotes always go for the throat. When they attack, they break open the collar and the poison kills them. Unfortunately, they kill the sheep in the process. The beauty of this method is that it only kills the coyotes that attack livestock, and there's only enough poison in the collar to kill the attacking coyote so other animals that feed on the body of either the dead sheep or coyote will not be adversely affected," McBride told FARM SHOW.

The government banned use of Compound 1080 in 1972 on the grounds that it posed a hazard to animals other than coyotes. The ban came up for review in 1981. During those years there has been no legal "predicide" available in The U.S. for combating coyotes, although companies in the U.S. make poisons like 1080 and ship them overseas.

McBride's collar is 8 in. long and 2 in. wide, completely covering the throat of a sheep or goat from ear to ear. When coyotes attack a flock of sheep, they almost always kill the lambs first so, to protect an entire flock, McBride says you only have to put collars on the lambs.



Two Velcro straps hold the collar tightly to the lamb's throat.



Chemical "predacides" are injected into depositories on either side of the collar.

"If you know there is a coyote problem in a certain area, you can put a few lambs with collars in with a flock of ewes and, when the coyote goes for the lambs, it'll be killed. A handful of collars can be used to protect large flocks of sheep," says McBride.

The collar — good for either sheep or goats — sells for \$16.50. The chemical 1080 sells for \$35 a gal., but each collar uses only a few cents worth of chemical. When the final use permit is approved for the collar — probably in the next few months — McBride will probably sell the collar with the chemical already in the collar.

For more information, contact: FARM SHOW Followup, Roy McBride, Rancher's Supply, Inc., Box 725, Alpine, Tex. 79831 (ph 915 837-3630).

CONVERTS TIRE PRESSURE TO WEIGHT

Make-It-Yourself "Tire" Cattle Scale

Old tires filled with water and hooked up to a pressure gauge make great livestock scales, according to a British company that's promoting the idea.

Bradbury Controls, Ltd., says the idea will work with any tire, from bicycle size to the biggest tractor tire. Automobile tires will weigh loads up to a ton, while large tractor tires accurately measure up to 22 tons.

The idea is to fill a tire with water, installing an inner tube if it doesn't already have one. The air valve is removed and a hose run from the tire to

a pressure gauge that converts pressure to weight. A "load ring", fitting the size of the contact area of the tire, is mounted on top of the tire. The load ring can be made out of wood, plastic, or any other stout material.

The "Wheelie Weigher", as the company calls it, can be left outside all year if antifreeze is added to prevent freezing in the colder climates. The company says farmers have been using the homemade weighers for everything from small animals to permanent installation in grain or mixing bins.



Apron loads manure down to within 2 to 3 in. of the ground. Overhead mirror lets operator monitor operation.

HANDLES SOLIDS OR LIQUIDS

New Self-Loading Manure Spreader

Latest new development in manure handling is a revolutionary self-loading spreader from Machine Agricole, Warwick, Can., that loads and spreads liquid, semi-solid, or solid manure by itself.

The 350 bu. spreader is equipped with a self-loading apron. You simply back the entire self-contained unit into a pit or lagoon and it loads itself in about three minutes. For spreading in the field, the loading apron lifts and folds hydraulically into a resting position on top the spreader.

"We think it's the cheapest method on the market for handling manure," says Eric Robinson, sales representative. "It allows one man, working alone without any other equipment, to haul manure without agitation or pumping equipment."

The box itself is water tight, allowing it to haul anything from pure liquid to pure solid manure, and anything in between. The apron for the spreader itself goes under the box, up around the outside of the front endgate, and then inside where it goes down the endgate, across the bottom and to the back, exiting out the top of the rear endgate which slopes 45° to the rear.

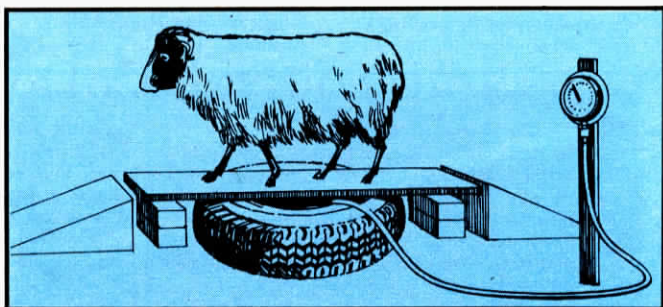


Apron folds up for transport and unloading.

"It'll even self-load solid manure from an outside feedlot or yard," explains Robinson. "However, it won't scrape the lot clean. It leaves a 2 or 3 in. layer which you can easily scrape together into a pile with your tractor loader. We haven't tried it but I see no reason why you couldn't use the entire unit for uses other than hauling manure, such as backing into piled grain and self-loading it into the 350 bu. box."

Operates with a 70 hp or larger tractor and sells for \$15,000 (Canadian dollars). Weighs right at 10,000 lbs.

For more information, write: Eric Robinson, Machine Agricole Bais Francs, 2 Parc St., P.O. Box 267, Warwick, Que., Can.



A ramp across the top of the tire scale "load ring" lets you accurately weigh livestock.

Bradbury Controls has a book of plans available for the tire weigher that sells for \$7. The company has also made arrangements to handle the other components, such as the pressure gauge, needed to build your own unit.

For more information, contact: FARM SHOW Followup, Wheelie Weigh, Bradbury Controls Ltd., P.O. Box 4, Ross-On-Wye, HR9 6EB England (ph 0600-890599).