

"THEY'LL NEVER SEE THE LIGHT AGAIN"

"Foolproof Way" To Get Rid Of Beavers

"Beavers cause tremendous problems for farmers and homeowners but they can be among the toughest pest animals to get rid of," says famous "nuisance animal" expert Harold Bailey, known all over the country as "The Friendly Trapper". "I'm excited about this new method for eliminating beavers because it's cheap, easy to do, and it works every time."

Many of Bailey's practical ideas for eliminating pest animals - birds, bats, rats, raccoons, snakes, insects, and other pests - have been featured in past issues of FARM SHOW. For a fee, Bailey solves pest animal problems for rural residents within a 100 mile radius or so of his home base in Columbiana, Ohio. He also appears regularly as a guest on radio and TV shows around the country and hosts his own radio show every week that reaches a 3-state area. In addition, Bailey has published a book that contains many of his home-brewed ideas (sells for \$13, including postage and handling).

When Bailey sets out to solve a pest ani-

mal problem, he looks for a solution that will use easily available, cheap materials. He often uses common household chemicals or food products to make "poisons", sometimes experimenting on trapped animals in his garage. For example, he feeds instant potato flakes to rats and mice. When they drink water, the flakes swell up and they die because they can't vomit. Another example: to keep rabbits away from your garden, put Vicks VapoRub on 5-in. sticks and shove them into the ground around the perimeter of the plot. They hate the smell, he says.

By trial and error, Bailey has come up with hundreds of other "foolproof" methods. That's how he discovered his new "final solution" for beavers.

Take two 30-in. long pieces of 4-in. dia. PVC plastic pipe and join them together with a 90° elbow so they form an "L". Drill a series of small holes along the length of both pieces of pipe. Then dig down into the top of the beaver dam, and lay the bottom end of the "L" within the dam and point



L-shaped PVC pipe is part of the "final solution" for pesky beavers.

the other end straight up in the air. Block the open end of the lower section of pipe with sticks and then cover it back up. Stake the pipe securely.

"Water will leak out of the dam through the pipe and the beaver will go nuts trying to stop it. But they won't be able to figure out what the problem is. Eventually the beavers will go to another location and start again."

But Bailey recommends killing the beavers off for good once the water level behind the dam drops and exposes the beaver den. To carry out this part of the operation, you'll need to make another simple piece of equipment using a 60-in. long piece of 1-in. dia. flexible black plastic pipe, or garden hose. Insert a funnel into one end and



Liquid bleach and clear ammonia are poured down hose into den.

plug up the other end (a small section of broom handle works good, says Bailey). Then drill a bunch of small holes along the bottom couple feet of the pipe.

"Cover all exit holes in the den except one. Insert the pipe into this hole and then pack dirt around the opening to seal it. Then pour one pint of liquid bleach and one quart of clear ammonia into the pipe. Stand back from the funnel as you do this and do not inhale the fumes, as they're dangerous. After a bit, pull the pipe out and plug the hole. The beavers inside will never see the light of day again."

Contact: FARM SHOW Followup, "The Friendly Trapper", Harold Bailey, 3014 Middletown Rd., Columbiana, Ohio 44408 (ph 216 549-2010).

3-TANK, 3-WHEEL TRAILER

"Double Duty" Cart Hauls Liquid, Anhydrous

"Our new 3-wheeled double duty fertilizer cart lets you deep band anhydrous and liquid fertilizer at the same time, saving a separate pass," says Greg Smith, Green Drop Equipment Ltd., Carseland, Alberta.

The company rents the 2-tank cart to customers, supplying manifolds and a hitch designed to fit the back of any tillage implement. The low-profile cart carries one 1,500-gal. anhydrous tank and two 750-gal. tanks for liquid fertilizer. The trailer mounts on big flotation tires to help reduce soil compaction.

"It's a total fertilizer package that lets

you cover more acres between fills than any other system on the market," says Smith. "It also reduces the amount of starter fertilizer needed at planting. It works great for farmers who are switching to reduced tillage."

"The trailer is patterned after a 3-wheeled air seeder. You can back it up like you wouldn't believe. The tricycle running gear provides excellent stability, with no double tracking and low soil compaction. Liquid fertilizer is delivered by a ground-driven pump and is variable rate controlled directly from the tractor seat."



Low-profile cart hauls both liquid fertilizer and anhydrous in 3 separate tanks.

According to Smith, applying liquid fertilizer and ammonia together has agronomic benefits. "When phosphorous is applied with ammonia it's often more available to plants because of reduced tie-up by unfriendly soil reactions. Another advantage is that the moisture from the liquid fer-

tilizer helps attract the ammonia. The ammonia rapidly ties up with water molecules and, once tied up, is less likely to escape to the atmosphere."

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REDUCES SWAY ON BIG SPRAY BOOMS

Mid-Mount "Floating Boom" For Tractors

One problem with spray booms is that as they get bigger, it gets harder to keep the ends of the boom from digging into the ground whenever the tractor goes over a bump or depression. LeRoy Mercil, Brooks, Minn., decided to solve the problem by building a 117-ft. "mid-mount" boom that mounts ahead of the cab on his Case-IH 7200 tractor.

"It provides better balance and weight distribution than conventional booms and is designed with shock absorbers that automatically keep one side of the boom from jerking up or down too much," says Mercil. "It's especially helpful for booms over 90 ft. long and for tractors equipped with dual tires. I've used it at speeds up to 16 mph in the field without any problems. It's equipped with eight hydraulic cylinders - two connected to the 'Y'-shaped structure

to change the angle of the booms, two to raise or lower the header, two to fold each side of the boom for transport, and two (not shown in photo) to level the boom. The boom tips can be raised up to 12 ft. high. The boom can be quickly dismantled onto a 4-point stand..

The boom mounts on a 17-ft. wide H-shaped frame that mounts over the tractor hood. Each side of the boom mounts on a vertical steel leg, each of which is equipped with a shock absorber on the bottom and a "Y"-shaped lift brace at the top. A pair of cables extend from the "Y" to the hinged middle section of the boom. A pair of springs on the back side of the Y-shaped braces keep the booms from bouncing up or down too much when the other side of the boom moves. A 500 or 1,000-gal. fiberglass spray tank 3-pt. mounts on back



Mid-mount booms that float on shock absorbers provide better balance and weight distribution than conventional spray booms.

of the tractor.

Mercil says he plans to manufacture the unit after further design work. He also designed a pickup-mounted sprayer with the

same boom action.

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