

## Net Gun Captures Pesky Critters Alive

When the props people making the movie "Jurassic Park" needed a novel way to capture a dinosaur, they called Wiley & Sons Guns, Wills Point, Texas, and talked to David Wiley.

Wiley had exactly what they wanted: the Wiley Net Gun.

This gun throws a 12-ft. sq. net over targets up to 60 ft. away. Wiley's Net Gun shoots a heavily loaded 30-06 blank. Gases from the exploding gunpowder enter an expansion chamber and then travel down four different barrels. Each barrel contains a foam projectile attached to a corner of the net. The net itself is tightly packed into a canister between the four barrels. When the gun is fired, the foam projectiles pull the net from the canister and carry it out to the target.

"Ours is the only gun of its kind made in the U.S. and, to my knowledge, one of only two made worldwide," Wiley says. He developed his version of the net gun about 15 years ago, after looking at one made in New Zealand, which he felt was too heavy and difficult to use.

The New Zealand net gun weighs about 30 lbs. and is priced at more than \$3,000. Wiley's weighs only 16 lbs. and sells for \$1,600.

Buyers include farmers, city animal control officers and wildlife conservationists. He says they're great for catching big birds like ostrich or emus or even cattle and deer. "The net entangles the animal, making it difficult for it to move. Then you can do whatever you need to do.

The net gun is not a rapid fire gun. It takes about 30 minutes to reload the net into the canister so if you need to capture several animals in a short time, you're going to need additional canisters. It takes 3 minutes to reload canisters.

If it's difficult to get within 60 ft. of the animal to be captured, Wiley has a second netting device that lets the animal capture itself. The Net Trap is the same type of net-in-a-canister arrangement used by the Net Gun. It can be hung from a branch or beam



Net is packed into canister between the four barrels of gun.



Gun throws 12-ft. net over targets up to 60 ft. away.

and is set off when the animal goes after bait attached to a trip wire.

Wiley has several different weights of netting available for both the Net Gun and Net Trap. "We recommend lightweight nets for most purposes, but sometimes heavier netting is required," he says.

Wiley & Sons Guns was founded 40 years ago by C.B. Wiley, David's father. The Net Gun and Net Trap are part of their line of animal control products, which also includes a variety of tranquilizing guns. They also have a full service shop, making and repairing all types of firearms. A catalog of products and services is available upon request.

Contact: FARM SHOW Followup, David Wiley, Wiley & Sons Guns, 7007 VZ, County Road 20, Wills Point, Texas 75169 (ph 903 848-7912).

## Poly "Nesting Baskets" For Ducks, Geese

If you enjoy seeing ducks and geese on your land, you'll be interested in these new pole-mounted "nesting baskets" that mount above the water to protect duck and geese eggs from predators.

Dave Silewski, Dakota Nesting Structures, Valley City, N. Dak., offers several different models. His goose baskets are 30 in. in diameter, have 8-in. sidewalls, and weigh about 16 lbs. apiece. The basket mounts on top of a 2-in. dia. steel pipe and is elevated 3 to 8 ft. above the water. Silewski recommends filling the basket with flax straw or some other thin-stemmed straw that's resistant to mold. Hatchlings are able to bail out through a 6-in. hole in the side, and water can escape through small drain holes at the bottom.

Another popular model is the "Duck Den", which looks somewhat like a mailbox. It measures 2 ft. long and 12 in. in dia. and weighs about 15 lbs. It's covered with flax straw that's held in place by metal webbing.

"As far as I know we're the only ones to make waterfowl nests from poly," says Silewski. "Poly is easy to maintain, can't rot, and can be used year after year."

The goose basket sells for \$64.95 plus \$14.95 S&H. The Duck Den sells for \$59.95 plus \$14.95 S&H. The Hen House sells for \$44.95 plus \$14.95 S&H.



Poly goose basket mounts on top of a steel pipe and is elevated 3 to 8 ft. above water.



"Duck Den" is covered with flax straw that's held in place by metal webbing.

For a free catalog, contact: FARM SHOW Followup, Dakota Nesting Structures, Box 11, 3471 Woodland Park, Valley City, N. Dak. 58072 (ph 701 845-5457; E-mail: dnesting@yahoo.com).

## New Low-Cost Freon Replacement

If your air conditioner has lost its charge or if you're looking for an alternative to the new, more expensive freon replacements, you might want to take a look at what's available from TCB Technologies, a Canadian research company.

Their Red Tek 12a Refrigerant is an approved replacement for the old R12 and R12 substitutes and an economical replacement for the new R134a. Red Tek 12a is an alkane refrigerant, as opposed to CFC and HFC types that have been blamed for ozone depletion.

Red Tek 12a is compatible with the o-rings, seals, hoses and oils in both R12 and R134a systems. Unlike R134a, Red Tek 12a is non-toxic and non-corrosive.

And, since it has larger molecules than the gases it replaces, it is easier to pump through the system. "Because of this, the air conditioner compressor will run cooler. And it's less likely to leak from the air conditioning system as well," says Gary Grenzke, a TCB researcher.

"Because the molecules are larger, you also need less product to charge the system," adds Mel Brown, a Johnstown, Colorado, distributor who markets Red Tek 12a in the U.S. "Six ounces of Red Tek 12a has the same cooling capacity as 18 oz. of R12 or 16 oz. of R134a."

Red Tek 12a is available in 6 oz. cans, which are the same size cans other refrigerants are sold in, and also a 12 lb. cylinder, which is the equivalent of 36 lbs. of R134a.



Available in 6-oz. cans, Red Tek Refrigerant is an alternative to the new, more expensive freon replacements.

Cans sell for \$7.95. Cylinders are \$197.40.

As with any refrigerant, you should follow all local and Federal regulations in handling Red Tek. Brown has a tap and hose adapter kit for installing Red Tek 12a, as well as the appropriate adapter fittings.

Contact: FARM SHOW Followup, Mel Brown, Box 580, Johnstown, Colo. 80534 (ph 970587-2249).

## "Teat Foamer" Replaces Conventional Pre-Dips

"There's nothing like it on the market. It's the first time foam has ever been used to clean udders," says Janet Dahl, Northwest Environmental Systems, Inc., about the new Sani-Sure Teat Foamer.

Foam does a more complete job of cleaning and uses less chemicals because there's no waste or spills, says Dahl.

The patented foaming pre-dip covers the teat completely and uniformly. It clings to the udder without dripping until wiped off with a towel. Because of the complete coverage and prolonged contact with the udder, the system reduces bacteria counts.

The Teat Foamer is designed to work with ProChemical ReFresh Teat Dip, which contains iodine and ingredients to maximize foam volume.

The easy-to-use system was developed and patented by Prochemicals and Sani-Sure systems. It consists of a pressurized drop line with a trigger-operated cup that provides continual fresh solution for foam. "Fingers" in the patented Sani-Sure rubber lined teat cup also provide improved stimulation for faster milk letdown and milk out. The system can be used in either parlors or stanchion barns. A pump or canister is set up in the milk house or utility room and the solution is pumped through lines to drops fitted with application cups.

Prochemicals representatives Dennis Edison and Mike Stettler say, "We believe this product to be far superior to conventional sprays or dips. Dairies currently using the Sani-Sure Teat Foamer are enthusiastic about the thorough cleansing and longer contact time. They report lower somatic cell counts, improved udder health, cleaner filter socks, and higher milk quality overall."

Retail price for the system is right at \$800 for the tank or pump and \$400 per drop. The



Teat Foamer solution is pumped from a canister set up in milk house through lines to drops fitted with application cups. Foaming pre-dip covers teat completely and clings to udder without dripping until wiped off with a towel. (Sani-Sure also sells inexpensive cloth dairy towels that they say clean and dry udder better than paper. They also cost 60 to 70 percent less to use, according to the company.)

average farm requires 2 to 3 drops. The system cost and setup is similar to that for installed dip systems.

Contact: FARM SHOW Followup, Sani-Sure Systems, Box 2944, Oshkosh, Wis. 54903 (ph 800 236-7080 or Prochemicals at 800 279-7761).