

## He Uses A Beach Ball To Trap Insects

Don Pace of Sopchoppy, Florida, recently emailed us about a product he uses to control mosquitos and deer flies.

"I spray a 10-in. dia. beach ball with an aerosol can of Tangle Trap (www.biconet.com). It works best with a red ball because that color is most likely to attract insects. The photo shows the results after one year of use."

Tangle-Trap is a clear, organic sticky coating that captures flying insects, including whitefly, aphids, carrot rust flies, fungus gnats, leafminer flies, thrips, and apple maggot flies. You simply spread it on old cardboard, milk cartons, plastic sheets, or on the company's Apple Maggot Traps and place the traps in your garden, orchard, or greenhouse.

The product is also available in cans to brush on.

Pace has sprayed two different beach balls with Tangle Trap. He says it takes three separate applications to make the coating thick enough to do a good job of trapping insects. He hangs the balls near his screened porch, high enough to keep people from accidentally contacting it.

"I've used this idea for several years, and it really works," says Pace. "I've found the coating will still remain sticky and catch insects for two to three years."

Pace also makes birds and animals and uses his computer printer to print them out on card stock. He then sprays them with Tangle Trap and hangs them up. However, he says card stock animals don't work as well as balls,



To control mosquitos and deer flies, Don Pace sprayed this 10-in. dia. beach ball with a sticky coating of Tangle Trap.

which have a much greater surface area. The color of the ball is also an attractant for insects.

Pace also uses plain old water and detergent to trap insects. He simply puts a few drops of detergent into a bowl of water. "The water attracts the insects, and the detergent breaks down the surface tension so the insects sink in. We've used this idea successfully for many years, placing the water around our front door. We also use the same idea in our birdbath," he says.

Tangle Trap is sold at many stores. A 10-oz. aerosol can covers 5 sq. ft. and sells for \$9.50; one quart of the brushable product covers up to 6,700 sq. in. and sells for \$15.90; a 15-oz. tub of paste covers up to 2,800 sq. in. and sells for \$5.95.



A portable water tank with an applicator wand comes in handy for watering remote flowerbeds, says inventor Mel Primrose.

## Water Wagon Makes Yard Work Fun

Maintaining a beautiful yard is a lot of work, but Mel Primrose's homemade watering wagon has streamlined the process a lot.

The Westlock, Alberta man pulls his invention around behind his riding lawn mower, and says that having a portable water tank with an applicator wand is extremely useful for watering remote flowerbeds.

Primrose used an old 45-gal. plastic anti-freeze barrel, and turned it on its side. Metal bands hold the barrel in place on a wagon frame he made from miscellaneous scrap metal. The unit sits on four pneumatic tires he purchased for \$25 each.

In the top of the barrel, Primrose drilled a hole for filling it with water and powdered fertilizer. The hole is closed off with a metal screw-in lid that he cut out of a steel barrel. It is mounted to the barrel with pop rivets.

On the underside of the barrel, he cut another hole where he mounted a 12-volt circulating pump out of a school bus. From that pump, there's an extra 1-in. hose through

which water siphons out to fill a pail when necessary.

A section of regular garden hose runs from the pump to where it's joined to a 5-ft. wand, which is made from 1/2-in. copper tubing. The pump is activated by a micro switch on the wand handle. Primrose included an elbow support on the wand for added comfort.

Once the water has started to flow, he shuts it off and, as long as he's watering on the ground, the water continues to flow because it siphons out. If he wants to water high-up planters, he just turns the pump on again.

While watering, he sits sideways on the tractor and can reach out about 10 ft. with the wand.

At the back of the tank, he included a small box made from expanded metal. He uses this to carry two watering cans for foot access to places he can't reach with the wand.

Primrose waters hundreds of flowers in his yard using this system and says that the time required to do so is small, thanks to his wa-

Mel Primrose built his own front-end loader around the tractor's mower deck so he wouldn't have to remove one in order to use the other.



## Garden Tractor Has Front-End Loader

Having a lawn tractor with a front-end loader is extremely useful, says Mel Primrose of Westlock, Alberta.

The talented handyman built his own loader, around the tractor's mower deck so he wouldn't have to remove one in order to use the other. He says the Ariens 18 1/2 hp tractor is a lot more useful now.

Primrose spent a total of \$300 on the project, \$240 of which was for the dual control valve and hoses.

He runs the hydraulic pump off a belt that runs back to the motor from the front end.

"One leg of the loader serves as the hydraulic oil reservoir," he explains. "It takes the oil out of one side, and puts it back in the other at close to the same level, so that no bubbles form."

To serve as a counterweight at the back of the tractor, Primrose used the brake drum off a large truck. It weighs about 100 lbs. and hooks onto a bracket that he added. The weight can be lifted off when not needed.

The fork, which he uses for loading manure, has ten 20-in. teeth made out of sucker rod. For handling sand or gravel, a sheet metal plate clamps on over the teeth to save putting on a bucket.

"I don't know how I ever got along without it over the years. It's just so handy," he says. "It's powerful enough to dig out a 10-ft. high tree."

Contact: FARM SHOW Followup, Mel Primrose, Site 10, Box 1, R.R.#1, Westlock, Alberta, Canada T7P 2N9 (ph 780 349-2477).



Luc and Louis Tellier used three huge industrial tires to make this 6,000-gal. storage tank. It supplies water to a 1,000-gal. rubber tire trough.

## Rubber Water Storage Tank

Luc and Louis Tellier of Bonnyville, Alberta, have found some innovative ways to keep their cattle watering ponds from turning into mud holes.

They made a big 6,000-gal. storage tank from huge industrial tires. It supplies water to a 1,000-gal. rubber tire trough, Luc says.

By using these unconventional materials to better manage the water, the cattle's feet no longer punch up the ground around Tellier's pond and natural spring, slowing down the spread of foot rot bacteria and improving algae control in dugouts and sloughs.

The Tellier's fenced off a pond and bought a rubber storage tank and tire troughs from Allan Brown's Rubber Rock Resources of Marwayne, Alberta. The tank consists of three stacked 11-ft. dia. by 40-in. off-road tires. He sealed the joints with thin layers of water-resistant foam insulation to prevent leakage. The base of the tank is a precast concrete

plug with pipe installed for hooking into the water line. A small gas engine pumps water from the pond into the storage tank, and from there the water flows into a 1,000-gal. rubber trough which sits on Telliers' summer pasture fence line, so the cattle have access from both sides.

The Telliers always have enough water on hand at this site to supply 100 cows for three days in hot weather.

They also have two more 1,000-gal. tire troughs on other summer pastures that are fed by gravity-flow from ponds.

The family placed gravel around all of their troughs to make better footing for the cattle. They say that building up the gravel every couple of years is much cheaper than having a concrete pad.

Contact: FARM SHOW Followup, Luc Tellier, Box 7185, Bonnyville, Alberta, Canada T9N 2H5 (ph 780 826-4596).

tering wagon. It's also pretty comfortable since he can remain seated on the lawn tractor most of the time.

Contact: FARM SHOW Followup, Mel Primrose, Site 10, Box 1, R.R.#1, Westlock, Alberta, Canada T7P 2N9 (ph 780 349-2477).