

Black Light Bug Trap "Bags" Insects

A new bug trap that uses black light to lure insects and an electric fan to pull them into a nylon "catch bag" is designed to reduce insecticide costs.

Anton Lamp Co., Canton, Miss., says its new "Crop Saver" uses the same type of black light found on conventional electric "bug zappers". However, instead of using an electric grid to kill bugs, it has an electric fan mounted under the light that blows bugs into a 4-ft. long nylon bag.

"We developed it for use in cotton fields to catch budworm and bollworm moths early in the season and break their reproduction cycle long before insecticide applications normally begin," says Ray Anton, inventor. "It can also be used in orchards and other crops. It works much better than conventional zapper lights because there's no zapper screen over the light to plug up with insects so it's always bright and highly visible. It also works great for catching insects in your yard. Mosquitoes can't escape the fan, whereas on conventional electric bug zappers mosquitoes can fly right between the grids and escape."

Anton says each trap will draw moths from 1/4 to 1/2 mile away. He recommends using the traps at a ratio of one trap per 10 acres. "We're still working on finding the right trap per acre ratio. However, we have found that the traps work just as well on field borders as they do inside the field. We know the traps can do a lot of good and save a lot of money. We just haven't completely learned how to use them yet. One farmer



Electric fan mounts under light and blows bugs into 4-ft. nylon bag.

even mounted them on his irrigation rig.

"The traps sell for \$125 apiece. Electricity to operate each trap costs about \$10 per month."

Anton has also developed a fish feeder insect trap that floats on the water and puts insects on the water surface as live bait for fish. "Fish tend to stay near the feeder where they can feed on the insects. Makes for great fishing," notes Anton.

Contact: FARM SHOW Followup, Anton Lamp Co., Box 663, Canton, Miss. 39046 (ph 800 828-0932 or 601 859-8087).



Bale caps protect hay from the elements. Expected life is 10 years, says inventor.

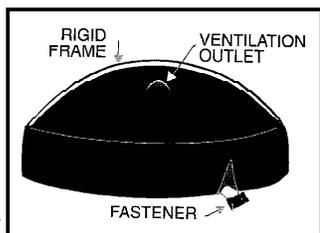
"Domed" Bale Cap Protects Hay

"Our customers used them to store 2,400 round hay bales last season and after nine months there was only 2 percent damage compared with 20 to 30 percent in bales stored outside with no covering," says Bernard Adam about a new ventilated bale cap he introduced recently at the SIMA Show at Montreal, Quebec.

Adam says the "domed" caps have vent holes in the top that improve ventilation through round hay bales stacked on end by acting like a chimney that draws air up through them.

The cap, which has a fiberglass arch in the middle for support, is made of a laminated polyethylene material. It has two ventilation outlets to allow heat to escape through round hay bales stacked three high or straw bales stacked four high. The vents are fitted with covers to prevent rain from getting in and soaking the bale.

"Based on tests we conducted in Arizona



Caps feature two ventilation outlets.

over the last seven years, we expect the bale cap to last 10 years," Adam says.

Available in four sizes to fit 4 through 6 ft. dia. bales.

Sells for \$36 to \$41 apiece (Canadian).

Contact: FARM SHOW Followup, Les Systemes Agricoles Adam Inc., 400, Chemin Racine, R.R. 1, Granby, Quebec, Canada J2G 8C6 (ph 514 534-2476, fax 3529).



There's 40 to 45 in. between side of tractor and inside edge of tank so visibility is unobstructed.

High-Clearance Saddle Tanks Provide Unobstructed Visibility

"One reason farmers like our saddle tank mounts so much is that they're as high or higher than the tractor's front axle. That means there's plenty of crop clearance so they be left on all year. And because there's 40 to 45 in. between the side of the tractor and the inside edge of the tank, front visibility is unobstructed," says Larry Lempka, Minden Machine Shop, Minden, Neb., about his new saddle tank mounting system.

A 7 in. sq. tool bar serves as the main support with plenty of heavy bracing. You

have a choice of either two 200-gal. or 260-gal. trim view tanks. The bracket bolts to existing holes in the tractor frame and can be installed in about an hour by three men, Lempka says.

The system fits virtually any tractor. Special mounts can also be made on request.

Prices start at \$1,680 including tanks. Contact: FARM SHOW Followup, Minden Machine Shop Inc., P.O. Box 356, 1302 K Road, Minden, Neb. 68959 (ph 800 264-6587 or 308 832-0220).

Battery-Operated Squeeze Chute On Market

Five years ago we reported on an electric-powered squeeze chute invented by Texas rancher Keith Lamb (FARM SHOW Vol. 15, No. 4).

Easier to operate than manual and much less expensive than hydraulic chutes, Lamb's chute is now on the market. Introduced at the recent Oklahoma Farm Show at Oklahoma City, the chute is being built by B Bar D Livestock Equipment, Cimarron, Kan.

It's 8 ft. long by 6-ft., 4-in. high, and weighs 1,900 lbs.

It's powered by a 12-volt automotive battery mounted on top. The battery connects to a 12-volt automotive starter motor which turns a 14-in. flywheel that cranks up cable through a ratchet winch.

To squeeze the gates, you simply engage the starter motor. To open, you simply pull a lever that releases the ratchet. A safety clutch keeps the unit from squeezing animals too hard.

Sells for \$2,600.

Both a 110-volt charger and a solar



Chute operates on 12-volt auto battery. charger are available so you can charge the battery without removing it from the chute. You can also run the chute off a pickup's 12-volt system.

The company is also working on a kit to convert manual chutes to electric. It's expected on the market by late this summer or early next fall. Cost will be \$700 to \$800.

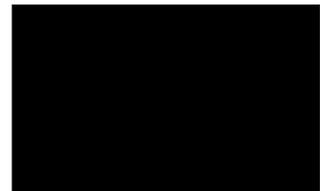
Contact: FARM SHOW Followup, B Bar D Livestock Equipment, P.O. Box 203, South Highway 23, Cimarron, Kan. 67835 (ph 316 855-2385, fax 3577).

Poly Spreader

New "no-rust" spreader made from polyethylene can handle fertilizer, seed, granular chemicals, sand, salt, and other materials without corroding. It mounts on tractors, ATVs, or pickups.

The unit's 600-lb. capacity poly hopper is equipped with a stainless steel throat liner and control gate. The stainless steel spinner is powered by a 12-volt high-torque motor mounted inside a sealed housing. Spreading pattern can be adjusted from 4 to 40 ft. and is controlled by a single lever joystick from the operator's seat. Spinner height adjusts 24 in. vertically on 3-pt. models.

"It's more convenient to use than conventional steel spreaders," says Tim O'Neill, sales manager of Grotech. "We offer one model with different mounting kits so you can mount it on almost any vehicle or even on a trailer. One farmer mounted



Plastic spreader won't rust or corrode. three of our spreaders on his 24-row cultivator and used them to meter dry fertilizer as he cultivated. It's lightweight to keep soil compaction to a minimum no matter what job you're doing." Sells for \$1,500.

The company also sells a swingaway tailgate spreader for pickups that allows full access to the tailgate by removing a hinge pin and swinging the spreader out.

Contact: FARM SHOW Followup, Grotech, Box 71070, Madison Heights, Mich. 48071 (ph 810 546-5101 or 800 725-8377).