



Fan under triangular hood pulls dust-laden air into unit which is half-filled with water.

CREATES HEALTHIER ENVIRONMENT FOR BOTH YOU AND YOUR ANIMALS

Portable Dust Remover For Livestock Buildings

"It cleans inside dusty air the same way rain cleans dirty outside air," says Gary Pinkleman, inventor-manufacturer of a new portable dust remover for livestock buildings.

"We experimented with dozens of dust-removal ideas before we finally hit on this system. It's amazingly simple, doesn't cost a fortune and it works," Pinkleman told FARM SHOW.

The device consists of a stainless steel rectangular-shaped tank (48 in. long, 18 in. wide and 18 in. deep) which you fill half-full with regular tap water. A 16 in. dia. cast-aluminum fan pulls dust-laden air into the tank, forcing dust particles into the

water which as a dust-collecting filter. When the water has turned black with dirt and other debris, you simply pull a plug to drain it out, then refill with another 26 gal. of fresh water. In a typical hog barn, for example, you'd drain the tank once every week or two, says Pinkleman, who notes that the air cleaner "pulls in a lot of flies along with dust particles."

Sells for \$575.

For more information, contact: FARM SHOW Followup, Gary Pinkleman, Pinkleman Sales, Hartington, Neb. 68739 (ph 402 254-6529).

DEFLECTS BRANCHES AND KEEPS OUT RAIN, COLD, AND DUST

"Pop Up" Cab For ATV's

You'll like this streamlined "pop up" cab for ATV's that keeps out cold and rain and deflects branches when running through orchards or low-lying brush.

Designed primarily for 4-wheelers (it can be adapted to 3-wheelers), the cab's made from hard plastic with a tubular steel skeleton frame. The windows are made out of clear Lexan plastic. The cab attaches to the ATV with front and rear brackets. To get on and off, the cab flips up toward the front, aided by a pair of gas struts. Cab can be quickly removed when not needed. It weighs 200 lbs. A canvas cover can be wrapped around the lower parts of the ATV in winter to hold in engine heat.

The ATV cab sells for \$1,500. The company makes a similar-looking cab for small tractors.

For more information, contact: FARM SHOW Followup, Horizon Plastics Products Inc., 85 MacCready Dr., Merced, Calif. 95340 (ph 209 383-5225).



To get on or off, you lift the hinged cab up and forward.



Fenders are built strong enough to serve as refueling step.

BUILT-IN STEP PROVIDES PLACE TO STAND WHEN REFUELING

New Tractor Fenders Made of Heavy Steel

New "Tractor Guard" fenders from May-Wes Mfg. are made of heavy-duty steel and come in tractor-matching colors.

Designed to fit most 2 and 4 wheel drive Deere, IH, Allis, Deutz and Case-IH tractors, they attach to the front axle with two U-bolts.

"They're built strong enough to serve as a handy place to step when refueling," the manufacturer points out. "The fenders can

be tipped down for easy engine access, and can be taken off by removing one pin and one bolt. Clearance between the tire and fender is right at 6 in."

Cost of the fenders is \$599 per pair for 4-WD tractors, and \$469 for 2-WD.

For more information, contact: FARM SHOW Followup, May-Wes Mfg., Rt. 2, Box 33, Gibbon, Minn. 55335 (ph 507 834-6695, or 6572).

CONSTANT READOUT IN THE CAB

On-The-Go Moisture Tester For Hay Balers

You can test moisture on-the-go with this new sensor that mounts in the bale chamber and sends a constant readout to a monitor mounted on the tractor.

"If I hadn't been lazy, I never would have invented it. We bale at night and I just got tired of climbing on and off the tractor to test hay being baled," says inventor Grover Black, Lightning "B" Industries, about his on-the-go monitor. "If you're baling in a low-lying area where the moisture content is too high, you can back off and work dryer areas. In the same way, you can avoid hay that's too dry to prevent leaf loss."

Black's moisture sensor consists of a 5 by 12-in. hard plastic plate fitted with two 8-in. by 1/2-in. stainless steel bars. The sensor mounts in the sidewall of the bale chamber (by drilling three small holes) so it's pressed tightly against the side of the bale as it's formed and ejected. Moisture is measured by determining the resistance of electrical current between the two bars. An average of 32 readings taken every second is stored in the memory to update the number displayed by the tractor monitor.

Black says the moisture reading is up-



Sensor consists of 5 by 12-in. plastic plate fitted with two stainless steel bars.

dated every 4 sec. and rounded off to whole numbers (from 10 to 36%). "Although the monitor is taking continuous readings and averaging them, the operator just looks at the one number, which changes slowly enough to make it easy to read," he says, noting that it took a lot of experimentation to find the correct design for the sensor.

Sells for \$300 and fits any square baler. Black is working on a model for big round balers.

For more information, contact: FARM SHOW Followup, Grover Black, Lightning "B" Industries, Box 240, Rt. 3, Cheney, Wash. 99004 (ph 509 235-8558).