

### Bale Rack For Pickups

"It lets you haul a full load of bales without having to bother with any tie downs, or to worry about bales sliding off," says Bob Bainbridge, Waterloo, Ind., who designed and built a bale rack for his pickup.

With the rack, Bob hauls up to 3,500 lbs. of baled hay. "I get about 85 of the small, thrower-type hay bales on a load," he notes.

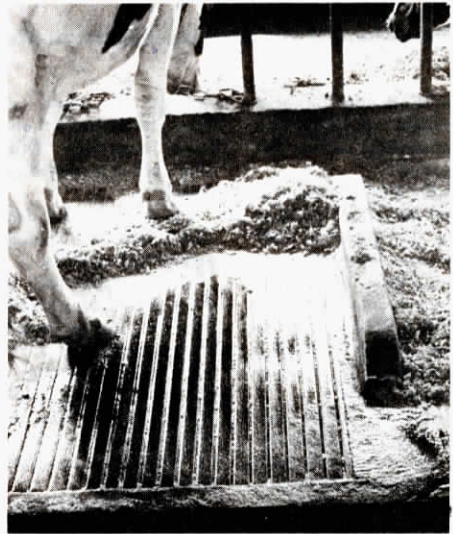
The ends are made of angle iron, and the sides of wood. Iron support frames on the ends are 8 ft. wide and 4½ ft. high. Bob used 2 x 2 in. angle iron for the horizontal bars on the end frames, and 1½ in. angle iron for the vertical supports. The two horizontal iron crossbars resting on top the pickup bed are equipped with stub legs which slide into stake pockets.

The sideboards are 8 ft. long and made of 1 x 4 in. boards. A

diagonal crosspiece (also a 1 x 4 in. board) on each side provides extra support. Sideboards are bolted to the iron end frames with thumb nuts on the bolts to make for easy assembly and disassembly. When not in use, the entire rack breaks down to require very little space for storage.

"Many farmers who've seen the bale rack at auctions and elsewhere have asked where they could buy one like it. I'd welcome inquiries from other farmers who might be interested in purchasing a ready-made rack, and would also like to compare notes with companies interested in possibly manufacturing and marketing it," Bob told FARM SHOW.

For more details, contact: FARM SHOW Followup, Bob Bainbridge, Route 1, Waterloo, Ind. 46793.



### Cemented in Concrete, Rubber Cow Mats Stay Put

Rubber mats have replaced straw bedding in many dairy barns, especially with liquid manure systems. But most dairymen still have a problem keeping the rubber mats in place.

Chris and Dennis Wolff, Pennsylvania dairy farmers, solved the problem by "cementing" the mats into the concrete when the barn floor was laid.

"You can't just push the mat down into the wet concrete," explains Chris Wolff. "It's too hard to get it level, and it won't stay in place very long. You have to build up the concrete around the mat to the same level," he told FARM SHOW.

The area behind the mat is

sloped toward the gutter so it will drain. The Wolffs tried leaving the back edge of the mat loose for drainage, but that didn't work. They use a slightly smaller size mat that leaves about 2 in. around the outside for the concrete ridge.

They also built a curb 4 in. high between every other stall to keep cows from lying crosswise. Between each two cows the floor is flat for handling the milking machines.

Some of the mats installed by the Wolffs' method have been in place for eight years and never torn loose.

For more details, contact: FARM SHOW Followup, Chris Wolff, Route 2, Millville, Pa. 17846 (ph. 717 458-6636).



### Build Yourself A Motorized Bathtub

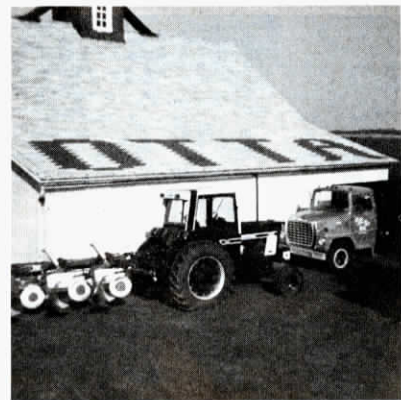
Edward Kramer (that's him in the tub) can hardly keep up with all the parades he gets invited to since folks heard about the motorized bathtub he built. It's one of the cleverest crowd pleasers you ever saw.

The car's body is an old-style bathtub with a caster wheel mounted in front. The power train is a Chevrolet rear end turned backwards and equipped with a 14 in. pulley on the rear drive. An 8 hp. gas engine provides the power. A belt idler clutch is cabled into the tub.

Steering is done by a lever on each side which connects to the wheel brake. Pulling one lever back, for example, causes the tub to turn in a continuous circle until the driver lets go.

"It was real inexpensive to build since all of the parts were picked up here and there from junk piles. I've had a lot of fun with it," says Edward.

For more details, send a self-addressed stamped envelope to: FARM SHOW Followup, Edward Kramer, Route 2, Flandreau, S. Dak. 57028.



### Farm Name Written On Roof

"It's a real conversation piece. Pilots flying in this area use it as a landmark," says Kenneth Otta, Womeaqua, Ill., who used colored shingles to spell out his name when reroofing his corn crib.

Several years ago, while recuperating from open heart surgery, Kenneth worked out the procedure for shingling his last name onto the roof. When

he'd recuperated, he and his son used the blueprints to complete the job. Each letter of the "Otta" name spelled out on the roof measures 8 ft. by 10 ft. The farm has been in the Otta name for 125 years.

To make the name visible from a long distance, Kenneth used white shingles for the background and green shingles for the letters themselves.