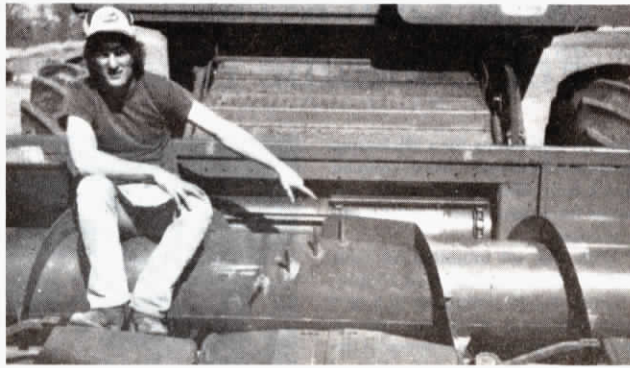


# FARM SHOW



## Add-On Brackets Improve Header Performance

Simple, do-it-yourself brackets, designed by Harvey Bish, of Giltner, Neb., improve combine header performance when the crop is short and not much material is moving into the machine.

Harvey was harvesting a short-growing crop of soybeans with his Deere Row Crop header when he hit on the idea of installing the brackets. "In places where the crop was short and thin, it wouldn't feed into the feeder house and would plug up. To keep it from bunching up, I installed these positive-feed brackets which solved the problem."

The add-on brackets, made from 3/16 x 4 in. scrap iron, keep material moving after the long, retractable fingers on the header let go of it. "The brackets should be made long enough to

extend just beyond the center of the feeder house, and also should be tipped at a slight angle so as not to carry material around with them as they rotate," Harvey points out.

Harvey is the designer-manufacturer of the popular Bish Adapter which allows one brand of header to be used interchangeably on another brand combine. His latest new kit, for example, adapts Deere soybean and corn heads to the new Gleaner N6 rotary combine. Another popular seller is his Quick Tach kit for putting the Massey Ferguson grain header on Deere (1970 and newer) and Gleaner combines.

For more details, contact: FARM SHOW Followup, Harv's Farm Supply, Harvey Bish, Giltner, Neb. 68841 (ph. 402 849-2674).

## "Made it Myself"

Some of the best new products we hear about are "made it myself" innovations born in farmers' workshops. If you've got a new invention or favorite gadget you're proud of, we'd like to hear about it. Send along a photo or two, and a description of what it is and how it works. Is it being manufactured commercially? If so, where can interested farmers buy it? Are you looking for manufacturers, dealers or distributors?

*Harold M. Johnson, Editor*



## Converted Trailer Home Houses Hogs

A Minnesota farmer gets 1,200 feeder pigs a year ready for market in a trailer home he converted into a modern pig nursery.

Francis Maschka, of Minneiska, got the idea from an

Iowa farmer who uses a one-time trailer home as a farrowing barn. Maschka bought an old trailer home for \$500 and made the needed improvements in it for another \$1,700.

His first step in converting the

10 by 48-ft. trailer was to tear out the inside walls and put in a concrete floor.

"I first put down a plastic sheet and poured 1½ in. of concrete over it. The plastic was run up the side walls, covered with cement board 18 in. high, and sealed with a masonry sealer," says Francis.

Three original vents in the roof were left intact, some side windows were closed off, and the big picture window was replaced with a smaller one. Francis notes that the original louvered windows of the trailer are ideal for ventilation.

With design help of a University of Minnesota agricultural engineer, Francis installed fans at the ends and in the middle of the trailer. One fan runs continuously, and the other two turn on by thermostats when the temperature gets up to about 68°F. Heat is provided by four radiant LP-gas heaters.

The trailer is divided into three pens separated by 2-ft. wide alleys. One pen is 10 by 10

ft., another 10 by 30 ft. (which can be partitioned into two pens), and the third is a small pen which Francis calls his "runt" pen.

There is a 3-bu. feeder alongside each alley and a plastic water line with one drinking cup in each pen. A set of lights runs along the ceiling of the house.

The trailer's original metal doors were replaced with redwood doors.

Francis cleans manure out of the pens once a week, which takes about 30 min. He notes that cleaning chores could be greatly reduced by putting the trailer over a manure pit.

"A lot of hog farmers have stopped in to look at this converted nursery, then gone home to adapt it to their own farms in various ways," Francis told FARM SHOW.

For more details, contact: FARM SHOW Followup, Francis Maschka, Route 1, Minneiska, Minn. 55958 (ph. 507 689-2639).