

## Quick-Tach Kits For Combines

"We sold out completely last summer. This year, we've doubled our production to 1,500 units and it looks like they'll all go," reports Harvey Bish, inventor-manufacturer of the popular Quick-Tach kit for putting one company's header on another company's combine or field chopper.

Popularity of the Deere row-crop header for soybeans, and Deere's corn head, has triggered nationwide demand for Harvey's Quick-Tach kit. "We had tremendous response from the FARM SHOW report a year ago. Even had inquiries from as far away as Russia, Canada, South America and several other foreign countries," reports Harvey.

He speculates that one of every four Deere headers sold is going on a "non-Deere" brand of combine. His Quick-Tach kit allows the popular Deere headers to be used with other makes of combines without having to do any retooling or revamping of either the header or the combine.

Harvey offers about 20 different kits, including attachments for using Massey Ferguson and International headers on other makes of combines. "Last year, Massey Ferguson combine owners who bought Deere headers were our best customers for adap-

ter kits. This year, it looks like the largest number of kits will go on International Harvester combines," Harvey told FARM SHOW two weeks ago.

His latest new kit adapts Deere's 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 models) and Gleaner combines. "With our kit, you can use a 10 ft. Massey Ferguson header, which sells for less than half of what a 13 ft. Gleaner header costs," Harvey points out.

Cost of the adapter kit for do-it-yourself installation ranges from \$350 to \$900, depending on the make of combine involved.

If you've considered a particular "marriage" of one company's header with another company's combine, chances are Harvey has designed a Quick-Tach kit for the conversion, or he can tell you why the particular "marriage" isn't feasible.

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

**"Update"  
on most  
popular  
products**

This special update focuses on most popular new products and ideas featured in previous issues of FARM SHOW. We'll be bringing you follow-up reports on additional "hot, new and different" product introductions in future issues of FARM SHOW.

Harold M. Johnson, Editor

### AGNAV AND TAG SYSTEMS

## Automatic Steering For Tractors, Trucks

One of the big new attractions at farm machinery shows and fairs this summer and fall will be two automatic guidance systems for tractors, sprayers, combines and other equipment which we've been telling you about in previous issues of FARM SHOW.

"We'll have several hundred systems in the field by fall and are moving full speed ahead," a spokesman for Agnav told FARM SHOW two weeks ago. Marketing headquarters for the company has been moved from Virginia, Ill., to Springfield, Ill., since our last report.

Company officials say it took longer than they had anticipated to obtain FCC approval for the radio frequency used in the new guidance system.

The radio-controlled Agnav system doesn't do the actual steering but tells the driver, via a dial mounted on the dash, how to steer for precision accuracy both day and night. Instead of watching a marker line scratched on the ground, the driver watches the

needle on an "error meter" and manually turns the steering wheel accordingly to keep the needle on dead center, and the tractor or truck on course. The guidance system adapts to tractors, trucks, combines, sprayers, floaters and other self-propelled equipment. Retail cost is right at \$3,500.

In California, the Electronic Systems Division of Geosource, headquartered at Modesto, reports that its TAG System is catching on fast. With this system, the driver doesn't have to do any steering going down the row. When the "driverless" tractor comes to the end of the row, the driver simply hits a button on the dash to revert to manual steering while he makes the turn. As soon as the tractor is headed back down the field, he hits the "automatic steer" button. The tractor steers itself, leaving the driver free to devote full time to monitoring other operations.

Operation of the system is tied into the tractor's hydraulic system. At present, it available only on tractors



**TAG System's sensor arm rides in furrow made by power marker and completely steers tractor going down the row.**

equipped with closed center hydraulics. Most units sold have been installed on Deere, 20, 30 and 40 series tractors, and on late model White two-wheel drive models.

When the driver comes to the field with a cultivator, planter on other piece of equipment, he steers the tractor manually to make the first furrow mark with the power marker. The furrow — about 3 in. deep and 5 in. wide — serves as the guide for the TAG (which stands for Tractor Auto Guide) sensor arm mounted directly in front of the tractor. From this point on, the sensor rides in the existing furrow and the power marker automatically strikes a new furrow for automatic "driverless" steering of

the tractor as it works its way across the field. If the field is permanently ridged for vegetable or other crops, the TAG sensor arm can be adjusted to follow the existing furrow, or to straddle a bed.

The system sells for right at \$2,950. For more details, contact: FARM SHOW Followup, TAG System, Electronic Sorting Machine Div., Geosource, Inc., 3416 Oakdale Road, Modesto, Calif. 95355 (ph 209 522-3203).

For more details on the Agnav System mentioned above, contact: FARM SHOW Followup, Agnav, 203 North Burns Lane, Springfield, Ill. 62702 (ph 217 793-0970).