The 10-ft. wide drill hitch fits Cat. II and III quick hitches and can accommodate drills 10 to 14 ft. wide. You remove the drill's pull-type hitch and bolt the drill to new hitch.

**ALLdeaux FAST TRANSPORT BETWEEN FIELDS**

**Add-On 3-Pt. Hitch For Older Grain Drills**

"Our new add-on 3-pt. hitch for older model grain drills lets you transport them fast from field to field and makes it easier to store the drills inside a building," says Don Lofquist, owner, Lofquist Welding, Elwood, Neb.

The 10-ft. wide drill hitch fits Cat. II and III quick hitches and can accommodate drills 10 to 14 ft. wide. You simply remove the drill's pull-type hitch and bolt the drill to the new hitch. The hitch frame is made from 3-in. sq., 3/16-in. thick steel tubing and 3-in. angle iron.

"It's especially useful for farmers with fields scattered several miles apart," says Lofquist. "Pull-type drills can be pulled only about 4 to 5 mph and suffer some wear and tear on the road. Older drills can be bought so cheaply that some farmers buy several and leave them out in far-flung fields all year long. Our drill hitch eliminates the need for that."

"The hitch fits Deere, IH, and most other brands and can be painted to match the color of the drill. It's easy to install although some bolting and welding to the drill may be required. Some farmers remove the pucker wheels. And some make use of loops at the back of the hitch to pull a drag chain or harrow behind the drill."

Sells for $440.
Contact: FARM SHOW Followup, Lofquist Welding, Inc., 202 Ontario St., Elwood, Neb. 68937 (ph 308 785-2755).

**Kits Convert Field Cultivators Into No-Till Air Seeding**

You can convert a field cultivator into a low-cost no-till air seeder using new clump-on seeder-fertilizer units. Here's a roundup of what several companies have to offer.

Peacock Holdings, Rosedale, Sask., offers a "precision seeder" for any heavy-duty cultivator that has a 400-lb. or more trip. It consists of a knife that bolts onto the front of the cultivator shank, a V-shaped double seed shoe that bolts on behind the shank and makes 5-in. paired rows, hoes to double shoot liquid or dry fertilizer or anhydrous ammonia, and a pair of press wheels. Seed is placed 1 1/2 in. above the fertilizer and 2 in. to the side of the tine made by the cultivator knife.

The "press wheels mount on sealed bearings and follow the field contour to provide precise seed placement," says Ernie Luchsinger. "There's only a 7-in. span from the tips of the shoe to the press wheels which helps maintain very precise depth control. If the cultivator shank trips, the seed placement is not affected."

Since these units work on any deep till cultivator with 24-1/2- or greater spacing. However, we recommend 15 in. for more trash clearance. By simply loosening a bolt you can slide the shoe up to add or remove spacers to get the depth desired. Downpressure on the press wheels is controlled by a spring-loaded hinged arm that can be adjusted by adding the position of a bolt.

Sells for $365 per shank (Canadian).
Contact: FARM SHOW Followup, Peacock Holdings Ltd., Box 189, Rosedale, Sask., Canada S0K 3R0 (ph 306 232-4212).

Poirier & Sons double shoot opener bolts on in place of the cultivator shovels. It consists of a front knife that digs a trench for seed and a back knife where dry or liquid fertilizer is applied. A tube can be attached to the back knife to apply anhydrous ammonia. The back knife is offset 1 in. to the side. As it digs a trench, it pushes soil against the seed to eliminate the need for press wheels.

"It works good in wet soil and in heavy ställble conditions because it disturbs only a narrow area," says Gerard Poirier. "The front knife is 3/4 in. wide and the back knife 5/8 in. wide. Fertilizer is applied at the same depth as seed but off to the side. Screws are used to adjust the depth of the back knife. If your field cultivator is equipped with packer wheels you can place fertilizer deeper than the seed by applying fertilizer behind the front knife and seed behind the back knife. Both knives have carbide tips so they'll last a long time. They've been proven in rocky conditions."

Sells for $200 per shank (Canadian).
Contact: FARM SHOW Followup, Gerald Poirier & Sons, Box 129, Antler, Sask., Canada S0C 0E0 (ph 306 452-6116 or 204 662-4474).

Melrand Mfg. Ltd., offers a completely self-contained unit that bolts on in place of the cultivator shank. It consists of a shank, replaceable 3/4-in. seed knife equipped with carbide tip, adjustable fertilizer knife, and shank-mounted press wheel.

Liquid or dry fertilizer is placed 1 in. to the side of the seed. It requires a minimum 425-lb. trip to keep both knives in the ground. The depth of the fertilizer knife can be adjusted by changing the position of two steel plates that press against the knife. Seed control is maintained by raising or lowering the cultivator frame.

Both the seed knife and fertilizer knife are backfelled allowing them to ride over rocks. The press wheels can be adjusted from 25 to 75 lbs. pressure.

Sells for $340 per row (Canadian).
Contact: FARM SHOW Followup, Melrand Mfg. Ltd., Box 54, Darban, Manitoba, Canada R0L 0P0 (ph 204 539-2563).