

## Modification Kits For Deere Planters

Two new modification kits are designed to update Deere Max-Emerge planters.

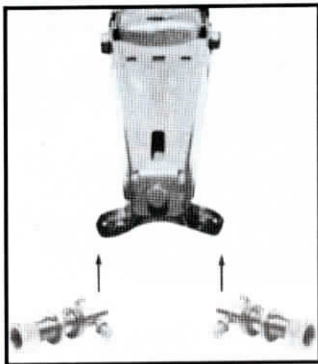
S.I. Distributing says the first of its conversion kits lets you adapt a Kinze brush-type seed meter to fit the seed box on a Deere 7200 finger pickup planter.

"Kinze's new soybean brush meter, known for its accuracy, fits Deere 7000 or Kinze planters with no modifications," says Joe Whitney. "However, you need our conversion kit to fit the meter to a Deere 7200 finger pickup planter. Also, the Kinze meter can't be adapted to fit the 7200 vacuum planter seed boxes. However, you can convert the vacuum planter to a finger pickup planter by mounting new 7200 finger pickup seed boxes on it and adapting the Kinze brush meter to them."

The conversion kit includes a "seed block" mounting plate for a finger pickup seed box, metric bolt and nut, adapting template altering instructions used for cutting the seed box to fit the meter, and detailed instructions for cutting the meter shaft (on Kinze planters) and drilling a new hole in it.

Sells for \$9.50 per row.

Also available is a parts kit to adapt Deere 7200 no-till cast-iron closing wheels to fit Deere 7000 and Kinze planters. The kit consists of a pair of heavy-duty spindles that can handle the extra weight of the



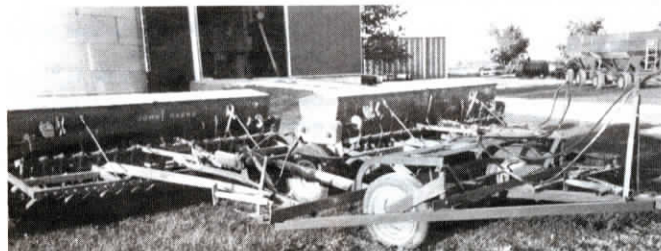
**Pair of heavy-duty spindles adapt Deere 7000 no-till cast-iron closing wheels to Deere 7000 and Kinze planters.**

heavier wheels, increasing bearing life and eliminating spindle breakage.

Sells for 17.95 per row.

Company also offers a corn meter training video with detailed information on testing and repair of Deere and Kinze finger pickup and vacuum meters. Sells for \$38.95 plus \$3.00 for shipping and handling.

Contact: FARM SHOW Followup, S.I. Distributing, 03221 Barber Werner Road, St. Marys, Ohio 45885 (ph 800 368-7773 or 419 647-4444).



**Meyer made drill hitch out of an IH dual corn planter hitch.**

## Tandem Hitch For Deere Drills

"It lets me use two older, inexpensive drills to do the job of a newer, more expensive one," says Larry Meyer, Wabash, Ind., who came up with his own tandem drill hitch for an identical pair of 10-ft. FBB Deere drills.

Meyer built the hitch out of an IH dual corn planter hitch, making several modifications, including some extra framing and heavier wheel bearings. Each drill can be quickly unhooked and used separately. You can also unhook or reposition the drills one behind the other for road transport.

"One modification I made to the drills was to open up the partition between the fertilizer compartment and the seed compartment to double seed capacity. Each drill now holds about 20 bags of soybeans," says Meyer. "The biggest drawback to this hitch is that each drill has its own independent hitching point which makes it hard to make real sharp turns."

Contact: FARM SHOW Followup, Larry Meyer, Rt. 1, Box 69, Wabash, Ind. 46992 (ph 219 563-5319 or 317 833-5061).

## Drive Chain Disconnect For White Planters

You can prevent wear to chains, bearings, and sprockets on White corn planters when traveling on the road with a new drive chain disconnect kit from Clever Tech, Inc., Jesup, Iowa.

The drive chain disconnect fits models 5100 and 6100 (1979 and newer). The kit consists of two rollers, two bushings, a bolt, a spring-loaded arm that supports the top roller, and extra chain links. The top roller keeps tension on the chain and the bottom roller uses the same bolt hole as the planter's original chain tightener. To install, jack up the drive wheel and rotate it until the connecting link is in a convenient location, remove original chain tightener, then remove offset link and add four links to the chain. To remove the drive chain for transport, push down on the top roller, then remove the chain from the drive sprocket and let it ride on the cast iron wheel hub.

"Other planter brands have a factory-built spring-loaded idler or tightener," says Robert Rottinghaus, farmer-engineer. "However, the White 5100 and 6100 planters are equipped with a rigid chain tightener. To remove it, you have to loosen a bolt that's hard to get at. Many farmers don't take the time to do the job and end up wearing out the sprockets and chains."

The company also offers a new insecticide shut off for the White 5100 planter (1984 to 1989 models) that eliminates the need to remove the box when switching from corn to beans.

The drive chain disconnects sells for \$24.75 each. Insecticide shut off sells for \$19.50 each.

For more information, contact: FARM SHOW Followup, Clever Tech, Inc., 4121 S. Canfield Rd., Jesup, Iowa 50648 (ph 319 827-1311).

## Nifty Way To Adjust No-Till Coulters Depth

Brock Baxter, Ranger, Ga., came up with a nifty way to adjust the existing factory microswitches on his Deere 7000 16-row planter to automatically change frame height - and therefore the depth of frame-mounted Rawson no-till coulters - to adapt to different planting conditions.

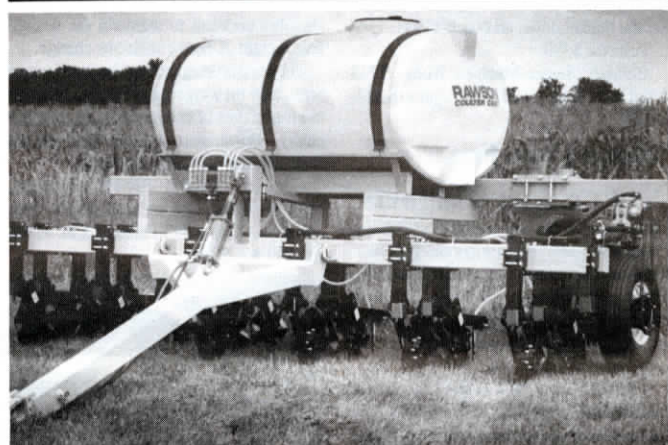
The planter is equipped with factory-installed microswitches that are designed to open or close solenoid valves. The valves control the flow of oil between the master cylinder and lift wheel slave cylinders that raise or lower the planter frame. One microswitch controls lift wheel cylinders on the planter's center section and another microswitch controls both planter wings. Each microswitch is activated by rotating on a cam. By using an allen wrench to reset the cam position, Baxter can adjust coulters depth according to varying soil conditions.

"I was looking for a way to adjust coulters depth to different planting conditions," says Baxter. "I was all set to weld adjustable stops on the planter's lift wheel assemblies when my neighbor, Richard Weaver, said

that he thought I might be able to control the height of the planter frame by adjusting the height of the planter frame by adjusting the micro switches. Lo and behold, it worked perfectly. It's a simple way to adjust planter frame height and it saves a lot of time. Normally, the position of the cams is set only once to control height of the planter frame. Adjusting coulters depth would have required building some kind of mechanical stop on each of the planter's eight lift wheels, or unbolting all 32 coulters and mechanically repositioning them - a job that would have taken up to two hours. However, adjusting the position of the cams lets me change height of the planter frame in one minute or less. The harder the soil, the lower I drop the frame to increase down pressure on the coulters."

Baxter has a pair of Rawson fluted coulters mounted ahead of each row unit of the planter. The offset coulters create a 6-in. wide "zone till" seedbed.

Contact: FARM SHOW Followup, Brock Baxter, 5680 Redbud Road N.E., Ranger, Ga. 30734 (ph 404 629-6525).



**Coulters cart lets you convert your conventional pull-type planter or end wheel drill to "zone till" in minutes without investing in a new planter or no-till drill.**

## New Coulters Cart For Planters, Drills

"Our new coulters cart lets you convert your conventional pull-type planter or end wheel drill to 'zone till' in minutes, allowing you to plant almost any kind of crop into undisturbed residue without investing in a new planter or an expensive no-till drill," says Ray and Allen Rawson, Farwell, Mich.

The Rawsons are farmer-manufacturers who have been selling a one-pass zone-till planting system for several years that consists of a pair of fluted coulters mounted on a toolbar at the front of a planter. The new coulters cart simply moves Rawsons' zone till equipment from the planter onto an independent cart. It's equipped with a self-contained 750-gal. tank and ground driven pump, as well as a rear-mounted hitch that hooks up to planter or grain drill drawbar.

"Other coulters carts are designed only for mounted planters and drills," says Ray. "We've had a tremendous amount of interest from farmers who want to use their conventional drills to no-till soybeans directly into corn stalks. The cart is designed so the row units on your planter or drill will follow exactly in the tilled zone created by the cart's coulters. Our coulters cart is built rugged to take the abuse of tillage and can handle the tank's weight without compacting soil. If you already use our coulters on your planter you can buy just the cart frame and mount the coulters on it. Another advantage is that the cart eliminates the need

to mount saddle tanks on your tractor."

The "zone till" system includes a pair of 2-in. fluted coulters, one mounted on each side of the row. One coulters is positioned a few inches ahead of the other. The two coulters till a strip 6 in. wide through otherwise undisturbed residue. The lead coulters remove some of the residue from the tilled zone which allows soil in the zone to warm up faster and helps insure better soil-to-seed contact for quicker emergence and a better stand. The rest of the residue is incorporated into the zone to help control soil erosion. A third coulters can be mounted in front of the other two, positioned midway between them and a little deeper to increase root penetration if soil compaction is a problem.

The system lets you apply liquid or dry fertilizer at the same time without knives to help eliminate plugging. A 28% nitrogen solution can be injected behind one coulters. Dry fertilizer can be applied next to the other coulters, mixing it into soil near the row. The cart can also be used to side dress corn with 28% nitrogen.

Available in 4 to 8-row sizes. A basic 6-row cart frame sells for \$3,900. A complete system including three coulters per row, tank, pump, fertilizer placement units, and monitor sells for \$10,300.

Contact: FARM SHOW Followup, Rawson Farms, 7413 North Nottawa Road, Farwell, Mich. 48622 (ph 517 588-2230).