

Hoe-N-Till: New Tillage Concept

"You get all the advantages of rotary hoe — being able to cultivate at high speeds without worrying about damaging young, tender plants — along with more aggressive cultivation in the center of the row," says Carroll J. Whitfield, engineer for Kelly Mfg. Co. (KMC), Tifton, Georgia, in explaining the company's just-introduced Hoe-N-Till, a new tillage tool.

The Hoe-N-Till features row gang units with rotary hoe wheels that can be raised or lowered over the crop in the row. "They treat crops as gently as a rotary hoe," according to Whitfield, who designed the new tillage tool.

"Between the rows, wedge tine spider wheels slice into weeds much more aggressively than conventional rotary wheels. These spider wheels are a key feature, plus they have a wide range of adjustability which few machines can match," explains Whitfield.

The cutting angle of each row gang unit and spider wheel is adjustable. For example, all spider wheels between the rows can be angled to throw dirt towards the row, or all turned to throw dirt to the row middles. Each wheel can be set in five positions, in increments of 5°.

Running between the spider wheels on each Hoe-N-Till is a single Danish tine. It knocks down any buildup in the center when the spiders are angled towards the row. By moving dirt around the second time, the tines increase cultivating effectiveness, according to Whitfield.

"Essentially, the Hoe-N-Till lets you do closeup weeding to get your crops up and growing while doing a good job between the rows. And, you can do it traveling at 6 to 8 mph, compared to a maximum 4 to 6 mph with a conventional cultivator," says Whitfield.

KMC is just going into production on the Hoe-N-Till. Models will include: 4, 6, 8 and 12 row units for 30 to 40 in. rows. Hoe-N-Till components can be arranged to fit any row pattern, including varying width rows in the same field. The spider and row gang units are bolted to a hexagon-shaped bar on the toolbar and will slide to any position desired. Folding toolbars will be available.

For more information, contact: FARM SHOW Followup, Kelly Manufacturing Corp., South Industrial Park, P.O. Box 1467, Tifton, Fla. 31794 (ph 912 382-9393).



The Hoe-N-Till's row gang units (raised above the row) weed crops like a rotary hoe. Spider wheels and Danish tines (between rows) dig deeper for more aggressive cultivation.

"RICH FARMER, POOR FARMER" POINTS UP HARSH REALITIES OF FARMING

Have You Played The Farming Game?

Like most farmers, Donnie McDonald, Neel, Ala., is upset over low farm profits. But, while his friends have been joining tractor-cades to protest, McDonald has come up with his own way to express his views. He's invented a game that points up the harsh realities of farming.

The object of "Rich Farmer, Poor Farmer" is to out-think your opponents, pile up money and land, and drive other players out of business. Says McDonald, "It's played just like real life."

Each player in his turn flips a spinner in the center of the board and moves a tractor-shaped token the designated number of spaces. If you're lucky, you can buy more property and make huge profits from your investments. But along the way you might land on the wrong square, or pick up a risk card that brings drought or a hail storm to ruin your "crops".

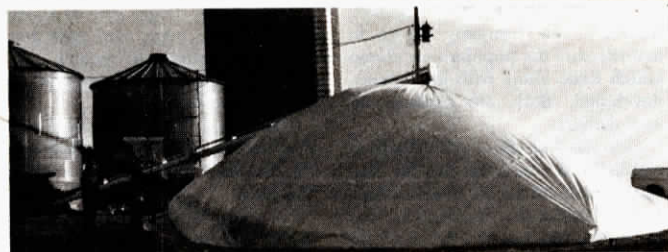
You can plow, plant, fertilize and harvest on your game property, as well as collect rent from other players who use your land. "The winner of the game is determined by good money management and the gamble that good weather conditions will hold," says McDonald.

He has contacted major department stores and manufacturers about the game, and has gotten Alabama Sen. John Sparkman to endorse it.

Meanwhile, the first printing of games is selling like hotcakes.

McDonald sold more than 5000 sets in two days at the recent Sunbelt Show in Moultrie, Ga. The game retails for \$10.00 a set.

For more information, contact: FARM SHOW Followup, Donnie McDonald, McJay Game Co., Inc., 17 East Moulton St., Decatur, Ala. 35601 (ph 205 353-8752).



Six-sided cones can be filled by one man. Sets up on level ground; no foundation needed.

HOLDS 3,700 BU.; SETS UP IN 30 MIN.

"Grain Cone" Offers Low Cost Storage

Latest new wrinkle in low cost temporary grain storage is the 6-sided Grain Cone from Raven Industries, Sioux Falls, S.D. It sets up in less than a half hour and holds up to 3,700 bu. of grain.

"At 15c a bu., it's one of the least expensive grain storage methods on the market," says Mike Nystrom, marketing manager.

The Grain Cone folds into an 80 lb. high-density, cross laminated polyethylene plastic. Nystrom says the 4 mil plastic is much stronger than normal polyethylene and is highly puncture proof.

Eash side of the Grain Cone is 11 ft. across and the base is 42 ft. in dia. It

needs no base or foundation — just set it up on level ground.

The Grain Cone's tip is tied to the auger. When full, the top is taped shut. A vacuum cleaner can be used to draw out air trapped inside the structure.

The Grain Cone folds into a 80 lb. bundle. To get an idea of its size, 4 of them will fit in the back of a pickup bed.

Selling price of the 3,700 bu. Grain Cone, the only size presently available, is \$550.

For more details, contact: FARM SHOW Followup, Raven Industries, Inc., Box 1007, Sioux Falls, S.D. 57101 (ph 605 336-2750).



Donnie McDonald and wife, left, play Rich Farmer, Poor Farmer with neighbors. McDonald hopes game will help make more people aware of farming's risks.