



DuPont Agricultural Products is conducting research with Fortress, a new soil insecticide. Evaluations of Fortress in 1988 show it as being extremely effective in controlling western corn rootworm. On the top is the root of a corn plant grown in soil treated with Fortress. Below is a root grown in untreated soil.

## Insecticide Research Unveiled At Entomology Society Meeting

INDIANAPOLIS, IN — Five years of research show the new insecticide "Fortress" provides excellent control of corn rootworm.

Du Pont Agricultural Products is evaluating "Fortress" for use on corn and other crops and scheduled to request Environmental Protection Agency (EPA) registration in the early 1990s.

Entomologists and others attending the North Central Branch meeting of the Entomology Society of America in Indianapolis heard Mick Holm, Du Pont field development specialist, present plot research results during the third day of the March 13-15 conference.

"The research results come from 145 corn rootworm trials conducted throughout the Mid-

west and surrounding states from 1984 to 1988 where 'Fortress' was applied at planting time," Holm says. The research was conducted by university investigators, private contractors and Du Pont researchers.

Holm presented data which showed:

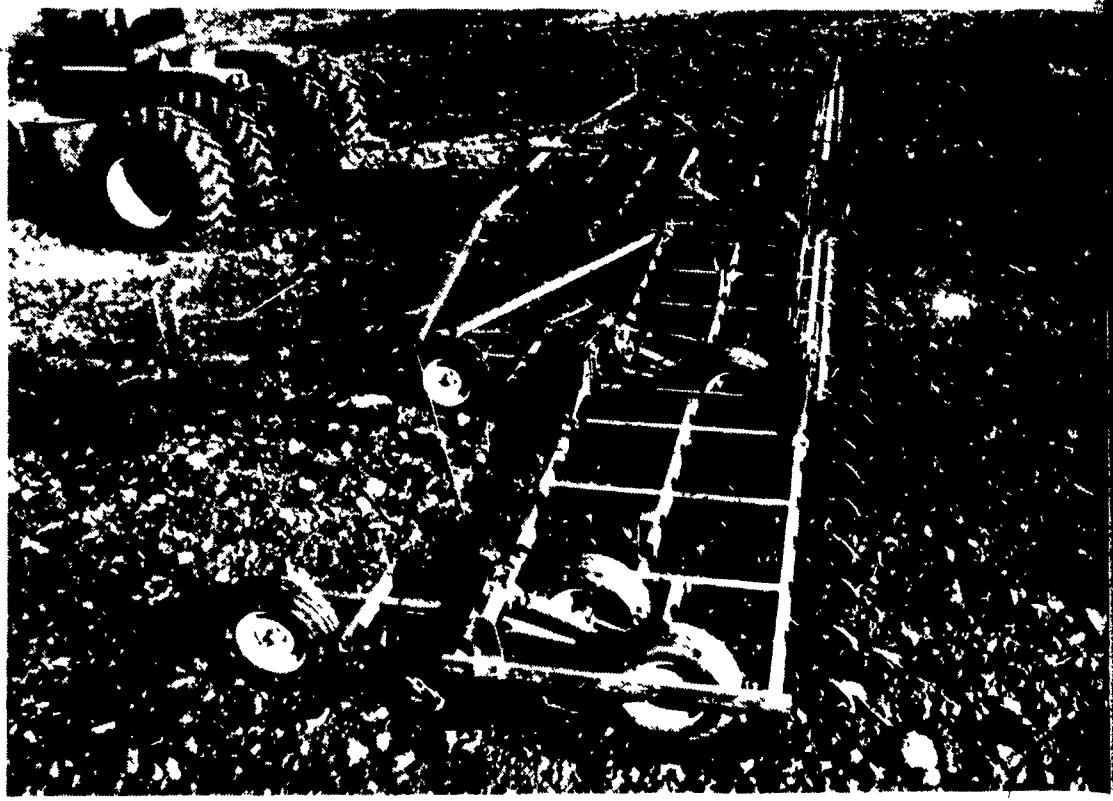
- \* "Fortress" controls rootworm better than the standards, which include Counter, Furadan, Dyfonate, Lorsban and Force.

- \* "Fortress" works equally well when applied in-furrow and when banded.

- \* "Fortress" performs under a wide range of environmental conditions.

- \* "Fortress" performs well at low-use rates.

- \* "Fortress" provides broad-spectrum control and is effective



The new John Deere field cultivator features a heavy-duty, six-inch H-beam hitch to distribute draft and a four-inch square tube rockshaft to ensure reliability. The cultivator has three working widths, 48.5, 54.5, and 60.5 feet.

## Deere Unveils Field Cultivator

MOLINE, IL — The John Deere 1060 field cultivator, replacing the 1050 model, features a new heavy-duty six-inch H-beam hitch to distribute draft and a four-inch square tube rockshaft to ensure reliability. The 1060 has three working widths - 48.5, 54.5, and 60.5 feet.

All three machines have a five-section overcenter fold, which means no lockup pins are required for transport. Outer wings latch automatically to the inner wings when folded.

A new 47-degree C-shank, introduced on the 960 field culti-

vator, is 9/16-in. thick and has a replaceable split-tension bushing in the eye of the shank. The standards have a 10-in. trip height, a 110 lb. trip force, and 6-in. spacings.

Sweeps and shovels are available in six sizes ranging from 1.75 to 12 inches. Attaching hardware diameter has been increased from 3/8 to 7/16 inch.

Single-point depth control, in base equipment, is adjusted from the front of the machine and the depth is maintained indefinitely by hydraulic cylinders.

Tandem walkover wheels on

the mainframe, inner wings, and outer wings are standard on the 54.5 ft. and 60.5 ft. models. The 48.5 ft. model uses tandem walkover wheels on the mainframe and inner wings. The outer wings on the 48.5 ft. model have single wheels or optional tandem wheels.

An optional three-bar tine-tooth harrow has a new trash flow design. The tines have three-inch spacing and the bar spacing has been increased from nine inches to 12 inches for improved performance and to comply with chemical manufacturer recommendations.

## Great Plains Presents Center

### Pivot No-Till Hitch

ASSARIA, KS. — The new center pivot no-till hitch is the latest introduction from Great Plains, the company that leads the industry in no-till drill sales.

The new hitch features a pivoting hitch construction, a weight transfer cylinder, and a level link for the attached drill. The framework articulates to provide superior opener tracking of coulters on curves. Its hillside holding capability is second to none because the non-pivoting coulters of the Center Pivot Hitch act as stabilizing disks. The pivoting hitch design has been proven for years by more than 1,200 units of its sister hitch, the combination drill hitch.

A tongue hydraulic cylinder transfers tractor weight to the coulters on the go. The level link keeps the drill level throughout the stroke of the weight transfer cylinder.

Our superior coulters clamps, which grip all four sides of the center pivot hitch toolbar, prevent coulters misalignment during use.

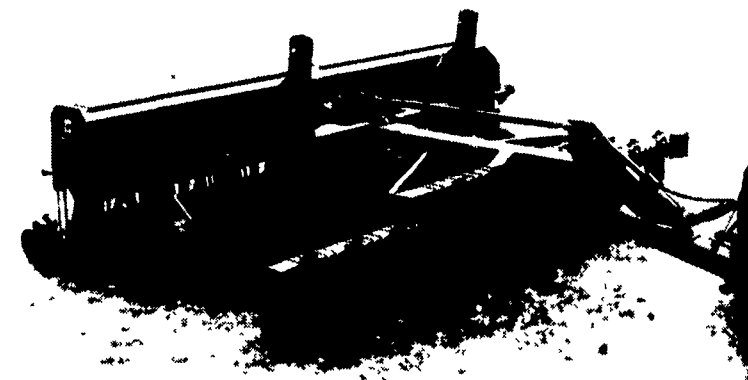
Durability and longer hitch life are provided by the large 4"x6"x3/8" wall coulters toolbar. This sturdy toolbar also resists upward flexing at the outer coul-

ters which can occur with weak toolbars.

Great Plains also builds a complete line of solid stand three-point drills for use with the center pivot hitch ... making the new no-

till package from Great Plains a highly compatible, dependable no-till system.

For more information, contact Great Plains Manufacturing, PO Box 218, Assaria, KS 67416.



This no-till hitch features a pivoting hitch construction, a weight transfer cylinder, and a level link for the attached drill. The framework articulates to provide superior opener tracking of coulters on curves.

## Yetter Designs Trash Master

COLCHESTER, IL. — These units have been designed to effectively clear away trash in mini-till and no-till operations and provide a smooth, level seedbed. By eliminating gauge wheel bounce, they prepare an even, uniform path for planter openers resulting in more accurate, effective planting and closing operations for better emergence.

Yetter Trash Masters fit IH 400, Case IH 800 and 900 Series, JD 7000, 7100, 7200 and 7300, New Idea, White 5100 Series and Kinze planters and Yetter row units.

For information, call Yetter Mfg. Co., Inc., Colchester, IL 62326; toll free outside IL -- 800/447-5777; in IL -- 800/325-7165.