

New planter design has accurate performance

GLENVIEW, Ill. - An all-new air planter from White Farm Equipment is designed for rapid field speeds and extreme accuracy to meet the demanding requirements of top farmers. The new planter also features a monitoring system, large capacity hoppers, and mainframe strength to keep farmers running at peak per-

formance during the critical planting season.

According to White Farm Equipment, the new "Seed Boss" air planter is designed to operate with excellent accuracy at increased field speeds.

"Natural fall" seed path accuracy, gauge wheels which conquer obstacles, and "constant force" press

wheel design are among other all-new features of the four-, six-, and eight-row Seed Boss.

White engineers have designed an all-new metering unit to assure in-row spacing accuracy and reliability. The new system utilizes the force of gravity and air pressure, eliminating mechanical fingers, fluted seed cups and high speed pneumatic hoses or plates, as required by other designs.

The planter allows seed to fall naturally from hopper to metering disc to discharge chute. Seed can move into the ground with a minimum of bouncing, ricochet, and other abuse which can cause erratic spacing. Such gentle handling assures that a maximum number of seeds go into the ground in ready-to-germinate condition.

Air supply on six- and eight-row versions is developed by a simple, efficient, hydraulically driven central blower (optional on four-row). A pump/reservoir on the Seed Boss easily connects to the PTO. White engineers note the drive is

nearly silent and requires only about two horsepower to operate.

The monitoring system on the new planter is easy to read and designed to cut down time. The White Farm SMI monitor is standard on every "Seed Boss." A light flashes on the monitor, row by row, as each seed passes a photocell in the seed chute. A horn and light activate immediately upon malfunction. Operators need not worry about hopper levels, because the monitor will note "failure to feed" instantly.

In White's design, gauge wheels carry the weight of the planter plus some frame weight, and they utilize this weight to gauge and firm the soil, remaining in contact with the soil despite terrain irregularity.

An advantage of White's compensating system is that the linkage always divides the downward firming pressure into two equal forces on each side of the row. This is particularly important in rough, minimum tilled soils.

The press wheels operate on a "constant force" princi-

ple, despite terrain irregularities. When a wheel presses against the soil, the rubber tire gathers loose dirt around the furrow, then pinches the sides of the furrow closed. The "pinch" is at the sides of the trench, with the soil on the top left loose for unobstructed germination and growth. Pressure is row-adjustable from 10-80 pounds.

Surrounding the planter row units is a new frame/transport design which makes the planter effective in the field and easy to maneuver, transport and store.

The planters' tubular steel toolbar mainframe is seven

inches square for frame rigidity and has large clamping areas for row units and chemical hoppers and tanks. An elongated drawbar design minimizes side to side motion, and rugged, fully automatic, hydraulically activated markers is standard equipment.

To go from field to field, the four- and six-row versions transport in operating position. The eight-row unit hydraulically folds from the operator's platform.

For more information, contact Richard Collins, White Farm Equipment Company, 2625 Butterfield Road, Oak Brook, Illinois 60521.

Alan Noll promoted at Weaver

NEW HOLLAND - Alan Noll, 252 Church Street, Ephrata, has been promoted to the position of maintenance supervisor in the Maintenance Department of Victor F. Weaver, Inc., New Holland.

A graduate of Ephrata High School, Noll joined

Weaver in 1970 as a parts clerk. He was later named maintenance group leader, a position he held until his recent promotion.

In his new position, Noll will be responsible for the supervision of all evening shift maintenance activities at Weaver.

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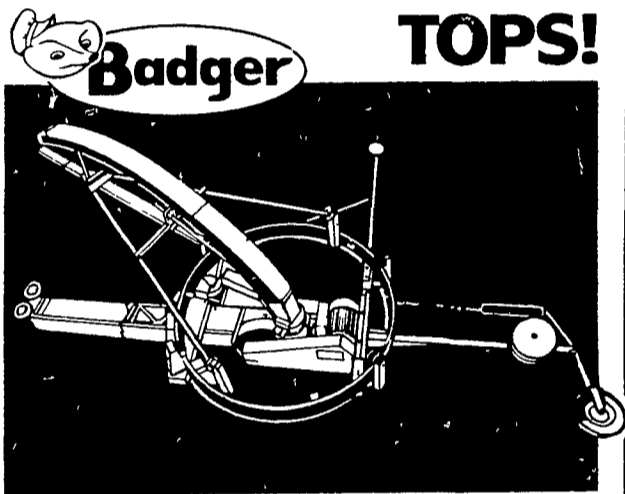
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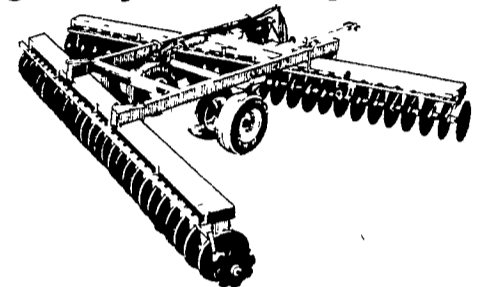
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