



## John Deere honors Landis manager

LANCASTER — John Rineer, manager of Landis Bros., Inc., 1305 Manheim Pike, Lancaster, Pa., was accepted into the John Deere Circle of Excellence in recognition of an outstanding achievement in sales success for 1985. Rineer was presented a Circle of Excellence statue by Gene Walker, Sales Representative of the John Deere Syracuse Sales Branch.

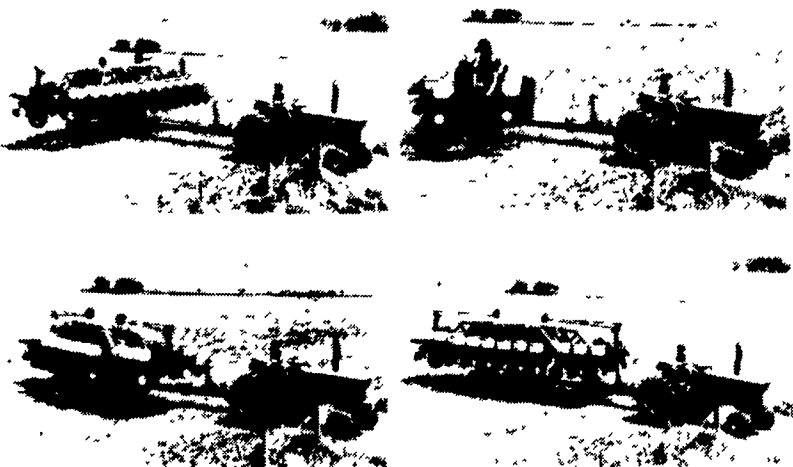
Walker said the requirements for membership are very difficult to achieve. Rineer had to increase outdoor power equipment sales by a substantial percentage to be honored. "It takes a great deal of time, work and savvy to be recognized in this program," Walker said. "To be successful

Rineer must be fully committed to high-quality service and customer satisfaction."

Deere purposely set high standards to make the award a symbol of great achievement that would be respected by the entire 3,000-dealer network, Walker said. By earning membership in the Circle of Excellence, Rineer is recognized for making a special effort.

The dealership name and year of recognition will be laser-engraved into the walnut base of the award statue. Rineer said: "I'm going to put this trophy in a special display area of the showroom in order to share the honor with the many friends who helped make it possible."

## Versatile new planter offered by KINZE



Four photo sequence (above) shows how KINZE Twin-Line Planter hydraulically lifts and pivots planter frame for transport from the field.

WILLIAMSBURG, IA — A new hydraulic folding design which allows farmers to handle liquid or dry fertilizer, no-till coulters and narrow-row options on large capacity planters is now available from KINZE manufacturing, Inc., Williamsburg, Iowa 52361.

The new KINZE Twin-Line Planter—available in 8-12-16 and 24-row sizes—can switch from planting to transport (and vice versa) in seconds.

The entire folding operation is handled hydraulically. Once the telescoping tongue on the tool bar is extended, the planter frame is raised to transport height and rotated by means of a hydraulically-powered parallel lift/center pivot system. Safety locks engage automatically.

The KINZE Twin-Line comes equipped with independently adjustable plateless row units, utilizing finger pick-up metering for seed corn, seed cup metering for beans and other small grains.

The units feature spring-loaded parallel arm suspension for consistency and flexibility, plus double disc openers and V-closing wheels for precision placement and dependable seed germination.

Liquid or dry fertilizer systems and no-till coulters may be mounted on the front side of the tool bar; also, the Twin-Line can be equipped with KINZE Pusher Row Units, which give the operator the option of planting standard spacings on corn or converting to narrow row beans in minutes.

Eight row Twin-Line Planters are constructed on a rigid tool bar frame. Twelve, sixteen and twenty-four row units are built with 3-row, 5-row and 8-row wing sections, which can flex 10° up or down. Hydraulic cam locks allow the wing to flex in the field and are locked into a rigid position for transport. Transport width up to 16-row units is 12 ft./6 in.; transport width on the 24-row unit is 16 ft./6 in.

## Short, Moore to head Baltimore district board

BALTIMORE — The Farm Credit Banks of Baltimore, the area's leading agricultural lending institution, is pleased to announce the election of Harold B. Short, Chairman and William P. Moore, Vice-Chairman of its Board of Directors.

A resident of Georgetown, Delaware, Short operates a 250-acre farm on which 175,000 broilers are produced each year. In addition, he raises corn, soybeans,

barley and wheat. Short has been a member of the Bank's Board since 1982. Other affiliations include: Delaware Federal Land Bank Association, Sussex County ASCS Committee, Delaware Production Credit Association, Delaware Farm Bureau, Demarva Poultry Industry, and Wesley United Methodist Church. He is former president of the Delaware Poultry Improvement Association, past



Massey-Ferguson has introduced the MF 656 Smart Round Baler (shown below) which offers industry firsts such as automatic baler steering, automatic twine wrap and automatic bale ejection.

## MF introduces 'space-age' round balers

DES MOINES, IA. — Space age-like automation has come to round balers with Massey-Ferguson's introduction of the MF 645 and MF 656 Smart Round Baler models.

The MF 645 and MF 656 Smart Round Balers offer industry firsts like automatic baler steering, automatic twine wrap and automatic bale ejection. The brains of these new MF round balers is a tractor-mounted minicomputer and hermetically sealed sensors on the baler that eliminate much of the work of baling for the operator.

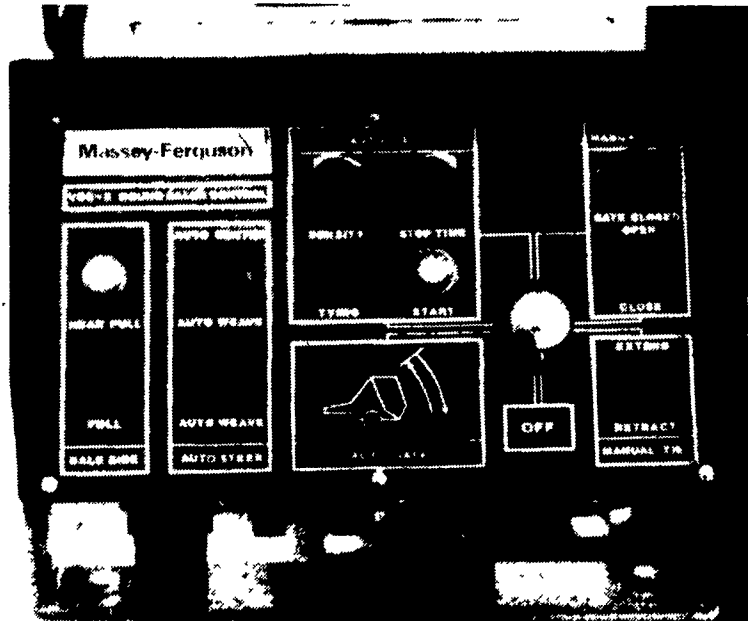
"These balers will be the industry leaders because advanced technology helps the baler produce a more uniform bale and finishes the bale process with much less effort and time loss," said Ray Beebe, Product Manager, Implements, for Massey-Ferguson.

The MF 656 produces a five-foot wide by six-foot diameter bale, while the MF 645 bale is four-foot by six-foot. Both have a 22 ton-per-hour capacity.

The problem with conventional round balers is that they often produce mishapen bales, even when the operator carefully guides the crop into the baler with his driving.

With the MF 645 or MF 656 Smart Round Balers all the operator does is steer the tractor reasonably centered over the windrow at the appropriate baling speed. The minicomputer and sensors combine to monitor crop flow into the baler. As the sensors read changes in the belt tension, they automatically command a turn in the direction of the baler wheels so that a well-packed, even bale is formed practically every time.

Sensors also monitor bale size. A "Near Full Bale" indicator light flashes when the bale is approaching completion. When the bale reaches full size, a warning buzzer sounds and the "Full Bale" indicator light flashes on the minicomputer to tell the operator



The "brains" of the MF 656 Smart Round Baler is a tractor-mounted minicomputer (shown at right) and hermetically-sealed sensors on the baler that eliminate much of the work of baling for the operator. The MF Smart Round Baler is also available in a slightly smaller 645 model.

to stop forward travel. Then, the minicomputer commands the automatic twine mechanism to tie the bale.

With the automatic bale ejection feature, after twine wrap is completed, the operator disengages the PTO and the minicomputer orders the bale ejection procedure to start. As the clamshell-type tailgate opens, the bale is dropped on the chain bale ejector and conveyed to the rear to provide clearance for the tailgate to automatically close, then dropped on the ground.

Total elapsed time between the "Full Bale" warning and dropping of the bale on the ground is only about 60 seconds. Plus, with the Massey-Ferguson Smart Round Balers, there is no need to change gears and back up to drop the bale, meaning greater driver con-

venience and less wear and tear on the tractor.

Massey-Ferguson also offers Standard Round Baler models of the MF 645 and the MF 656. The Standard Round Balers do not have the minicomputer and sensors that provide the automatic baler steering, twine wrap and bale ejection features.

No matter which new Massey-Ferguson round baler you select, you'll find many outstanding standard features. These include constant velocity PTO joints which reduce driveline vibration; overrunning clutch for driveline protection; pneumatic bale density

control for more uniformly solid bales and easier servicing; small diameter four-bar pickups with rubber-mounted teeth on 3 1/16" spacing for clean pickup and positive crop feeding into the chamber; three-inch square starting roll to minimize aborted bale starts; sturdy 5 1/2" diameter bale forming belts for long belt life and 6 1/2" wide, two ply forming belts to minimize crop loss.

Also, an optional, the MF round balers have a half-twist in the front span of the bale forming belts that gives the operator excellent visibility to the bale formation and also prevents trash build-up.

For more information on the MF 645 or MF 656 Smart Round Baler or Standard Round Baler models, contact your local Massey-Ferguson dealer.

director of Eastern States Co-op, former chairman of the Indian River School District Board of Education and previously belonged to the Agway Council.

Moore, a resident of Chatham, has served on the Board since 1982. A graduate of Penn State University, Moore raises alfalfa, corn and wheat on his 1,100-acre farm. He also has a registered Holstein herd.

His affiliations include:

Southeast Farm Credit Associations, the Atlantic Breeders Co-op, Inter State Milk Producers Co-op, Chester County Holstein organization, Pennsylvania Farmers Association, London Grove Friends Meeting, Jay Cees of West Chester, Pennsylvania, 4-H Leader, Westtown Friends School, the Concept School and the YAG Club of Chester County. He was chosen Outstanding Young Farmer in '63-'64.