

# Yetter System Fits Deere Flex Heads

COLCHESTER — Yetter Manufacturing recently introduced its new 6800 Pickup Reel Control System designed to fit post-1979 200 and 900 Series John Deere Flex-Heads.

Owners can economically update their existing heads to match the performance of the latest models. This simple, inexpen-

sive control enables the combine operator to position the pickup reel forward and backward up to 13 inches on-the-go electrically to pick up down or low crops. The result is more crop harvested per acre.

With this new system, it is no longer necessary to stop, shut down the machine, climb off, and

adjust the reel by hand. There is no guessing about the exact reel position because an easy-to-read indicator is included with the system, which comes ready-to-install with two easy-to-mount electric 13-inch stroke actuators, brackets, and connections.

For information, contact Yetter Mfg. Co., Colchester, IL 62326-0358.



Yetter Pickup Reel Control System is designed to fit post-1979 200 and 900 Series John Deere Flex-Heads. With the new system, operators no longer have to stop, shut down the machine, climb off, and adjust the reel by hand.

# Prevent Excess Soil Damage Using Minimum Or No-Till Methods

LEESPORT (Berks Co.) — The equipment used to till, cultivate and harvest crops also contributes to yield reductions due to soil compaction, said Duane Pysher, district conservationist for the U.S. Soil Conservation Service.

The effect traffic has on a field may not be immediately noticeable but it does occur. Due to the weight of the machinery which is being driven over the field, the structure of the soil beneath the wheels is broken down. This disturbed structure results in reduced pore space in the soil, and increased soil density.

Consequently, as the years go by, zones impervious to crop roots develop, tilth is reduced, and drainage is impaired. These characteristics negatively influence your timing of planting, availability of fertilizers, effectiveness of pesticides, field trafficability, and crop yield.

To prevent excess damage to soil structure, several cultivation practices are recommended. "Of primary importance, the least soil disturbed, the better," said Pysher.

Minimum-till or no-till methods help to retain and improve soil structure in relation to regular tillage practices. These tillage methods enable the plant residues to remain in the ground.

The rotting roots leave behind

new pore spaces and the decaying surface organic matter aids in increasing soil tilth. If minimum-till or no-till methods are not used, it still helps to avoid excess soil disturbance. Use a chisel plow or disk rather than a moldboard plow when possible. Try to keep your trips over the field to a minimum. Avoid going into wet fields.

The most damage can be done to the soil structure when the soil is wet. Soil has a plastic nature when wet and can easily be deformed with pressure. "This is why, of course, it is more difficult to maneuver heavy equipment in wet soils," said Pysher. "When harvesting, leave behind a heavy residue cover."

By following the above recommendations, damage to the soil structure can be reduced. "Soil is the ideal growing medium known today," said Pysher. "It took millions of years to form and is in itself a very delicate, balanced system. It is very important to protect the soil as it is used, to enable it to be used over again."

For more information on practices to reduce soil compaction as well as other soil conservation measures, contact the U.S. Soil Conservation Service at the Berks County Agricultural Center in Bern Township.

# AGA Ends Year On Top

REYNOLDSBURG, OH — The year-end totals for 1989 ended on a positive note for the American Guernsey Association (AGA).

Registrations and sales increased, participation in AGA programs rose and the markets grew stronger as the year progressed, according to Erick A. Metzger, executive secretary-treasurer.

Metzger said in a statement that AGA registrations increased 5.8 percent from last year's figures. A total of 17,848 registration applications were received. Transfers also increased and went over the 7,000 mark.

Guernsey Marketing Service,

the marketing division of the AGA grossed nearly \$840,000 in sales. Cattle sold through GMS, privately and through sales showed an increase of 12 percent over the 1988 figures. Export sales also saw a marked increase.

The participation in AGA programs also saw a jump in numbers, Herds enrolled in the Total Performance Evaluation (TPE) program increased to 321 herds.

Strong year-end milk prices, the increasing export potential and component pricing all played a part in ending 1989 on a positive note, Metzger said in his statement. With the existing markets, 1990 also promises to be a strong year for the Guernsey breed and the AGA.

# CHORE-TIME

## CHORE-TIME sow feeding system

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2 Drop Feeders to choose from. Chore-Time's galvanized steel Drop Feeder (top) holds up to 6 1/2" lbs. of dry ground feed. Larger, polyethylene plastic Drop Feeder (bottom) holds up to 10" lbs. and can be used with high moisture corn feeds.

\*Weights are based on feed density of 40 lbs per cubic foot

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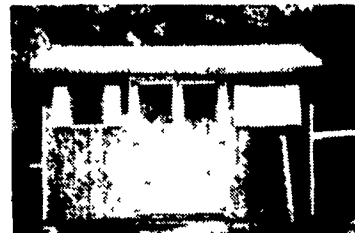
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