

MF reports grinder mixers

Cornell beef book written

ITHACA, N.Y. — Ezra Cornell, the founder of Cornell University, maintained a herd of Shorthorn and North Devon cattle on his 207-acre farm that became the campus of this Ivy League school.

When the University opened its doors in 1865, the founder included his cattle, along with his Ithaca farmland, in his original endowment. Thus, the history of beef cattle programs at Cornell dates back to the year the University was founded.

This little known fact about Ezra Cornell's cattle is described in a new booklet — *A History of Beef Cattle at Cornell* — by Ken Tillapaugh who was beef cattle manager at Cornell for more than three decades until his retirement in 1983.

Tillapaugh's book chronicles the

Farm loans

WASHINGTON, D.C. — An additional \$250 million for farm operating loans is being made available immediately by the U.S. Department of Agriculture's Farmers Home Administration, Secretary of Agriculture John R. Block announced.

The funds are being transferred from other loan programs where, it is anticipated they will not be needed in the remaining 12 weeks of the current fiscal year.

"This move will help ensure that farmers' needs for credit to finance this year's production will be met," Block said. "These funds are in addition to a record-high \$1.91 billion already budgeted for operating loans this year for Farmers Home Administration."

Of the \$250 million total, \$150 million in insured — or direct — loans is being moved from the single-family housing program, and \$100 million in loan guarantees is being moved from the business and industry loan guarantee program.

The additional funds will be made available on an as-needed basis to Farmers Home Administration field offices.

growth and development of the various beef cattle programs at Cornell University over nearly 120 years. Today, the beef program has attained stature as a major division in the department of animal science in the New York State College of Agriculture and Life Sciences at Cornell.

Research activities involving Cornell's beef cattle program now are centered in the beef cattle research facility at the Animal Science Teaching and Research Center near Harford, about 15 miles from campus. The beef facility at the 2,500-acre research center is capable of accommodating up to 600 animals.

The overall goal of Cornell's program is to develop more efficient methods of raising and managing beef cattle under New York conditions, thus making beef producers in the State more competitive with their counterparts in other regions of the country.

For a free copy of Tillapaugh's book, write to the Beef Cattle Division, Department of Animal Science, 130 Morrison Hall, Cornell University, Ithaca, NY 14853. The telephone number is (607) 256-7712.

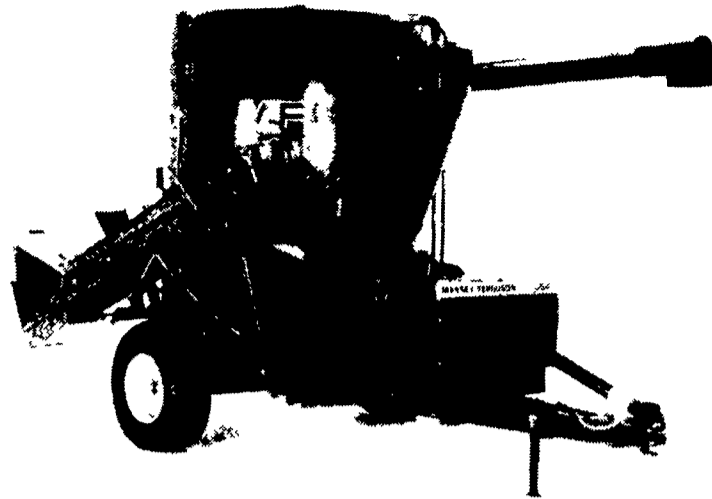
DES MOINES, Ia. — Massey-Ferguson announces the introduction of the MF 551 and MF 554 Grinder Mixers. The introductions complete the MF line of three new grinder mixers. Like the larger MF 557 model introduced earlier, the new models provide significant new features and convenience.

Heavier steel and bearings, particularly in high stress and wear areas, improve machine life. Heavy duty clamps equipped with grease zerks help insure both easier movement and positive alignment of discharge tubes. An over-center brake prevents movement of the discharge auger after it has been positioned.

Both the MF 551 and MF 554 feature optimum hammermill throat angle to help improve flow of feed materials into the grinder. The solid slide gate which limits flow of material into the hammermill includes a rubber flap added behind the gate to minimize particles through from the grinder.

Additional clearance is provided behind the hammermill screen to help when grinding hay or other light material.

Other design features include a mixing auger that "flings" material out of the mixing tank for



Massey-Ferguson recently introduced the MF 554 (shown here) and MF 551 Grinder Mixers. Both models feature optimum hammermill throat angle to help improve flow of field materials into the grinder. The MF 551 uses tractor hydraulics, while the larger MF 554 has a self-contained hydraulic unit.

more complete tank clean out; increased auger speeds; special one piece, formed, fiber-loaded rubber hoses that resist leaks; and a digital scale.

The MF 551 uses tractor

hydraulics, while the MF 554 has a self-contained hydraulic unit that drives both the auger feed and unloading augers as well as provides optional lift and swing control for the unloading auger.

An optional remote control unit also is available for the MF 554. This allows operation of the grinder mixer from the tractor cab or anywhere around the machine. The unit includes controls for turning the discharge auger on or off; push buttons for positioning the discharge auger; a switch for opening and closing the mixing tank discharge door, and a digital readout for the scale.

Some standard convenience items on both the MF 551 and MF 554 include a magnet in the mill throat; a ladder for easy access to the mixing tank; a conveniently located screen rack and a bag cutter in the supplement hopper.

Soybean Expo opens Aug. 3

ST. LOUIS, MO — Use of Soybean options to increase marketing profits is just one of 21 production and marketing topics to be presented by speakers at the American Soybean Association's Soybean Expo. The four-day program is expected to draw over 2,000 participants to the Tulsa, Oklahoma Convention Center, Aug. 3-7.

Any soybean farmer can participate in Soybean Expo. In addition to 21 educational Soy Profit Sessions, Expo participants will have over 12 hours of free time to visit more than 250 exhibits that will cover an acre of indoor show space in the Tulsa Convention Center. Registration fees include admission to meals, a night at the Rodeo, entertainment Sunday night

by country pops singer Ray Stevens, and a gala President's Banquet and party on Aug. 6.

The 75-minute Soy Profit Sessions include—Financial Strategies for Uncertain Times; Crop Scouting; Genetic Engineering; Managing Stress; 1985 Farm Bill Policy Alternatives; Managing Irrigation on Soybeans; Computers on the Farm; Weed Control; Time Management; Market Outlook; Improving Husband and Wife Communications; Interpreting Market Charts; Cutting Produc-

tion Costs; Tillage Alternatives; Nine Signals of Financial Success; Off-Farm Investment Strategies; Fine Tuning Your Marketing Plan; Hedging with Mini-Contracts; What's New in Soybean Varieties; and Brazil: Can U.S. Farmers Stand the Competition.

Farmers can register in advance for Soybean Expo by calling the American Soybean Association at 800/325-1499 (in Missouri, call 314/432-1600). Participants can also register during Soybean Expo at the Convention Center in Tulsa.



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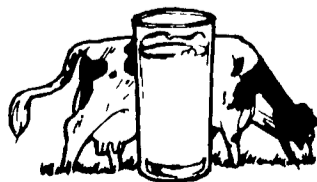
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