

Farm builder conference Jan. 21-22

LANCASTER — A Farm Builders Conference and Tour, sponsored by Penn State's Dept. of Agricultural Engineering and Extension Service, will be held in Lancaster on Thursday and Friday, January 21 and 22.

Scheduled on the program on Thursday, January 21, is a tour of six Lancaster area farms, which feature new building and remodeling ideas and the performance of these buildings in cold weather.

Thursday evening's banquet at the Harvest Drive Restaurant will include a discussion of "Planning Dairy Facilities" by William H. Collins, of Virginia Polytechnical Institute and State University.

The session on Friday, January 22, will be held at the Lancaster Farm and Home Center. Topics to be discussed include "Problems Associated with Dairy Housing," Lawrence Hutchinson, Penn State

Extension veterinarian; "Mechanical Ventilation Principles and Systems Overview," Harvey F. Manbeck, professor of ag engineering; "Mechanical Ventilation Systems Overview," Daniel J. Meyer, Extension ag engineer; "Fan Selection," Robert J. McVicker, president, AAA Associates, Inc., Niles, Mich.; "Insulation for Heated Buildings," Joseph A. McCurdy, Extension ag engineer; "Fire Safety With Insulation," Dennis J. Murphy, Extension safety specialist.

Also on Friday: movie, "The Hidden Destroyer," Murphy; "Natural Ventilation Principles and Details," Manbeck; "Supplemental Heat Options," Meyer; "Stray Voltage Prevention," McCurdy; "Youngstock Housing," Collins; "Update on New ANSI Snowloads," Ronald Sutton, Building Code Coordinator, Morton Buildings, Morton, Ill.; "Proposed

Power Supplier Codes on Minimum Insulation Demand Meters for Farms," Galen Kopp, Farm Representative; PP&L. Tuesday is the deadline for the

required preregistration with the Agricultural Conference Coordinator, Penn State University, 409 Keller Bldg., University Park, Pa. 16802.

Tractors

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air flow and provide longer service intervals.

A new Ford-designed synchronesh 8x4 transmission (eight forward speeds and four reverse speeds) debuts on the Series 10 tractor line. Ford's synchronesh transmission permits clash-free shifting, especially during downshifts, and is ideal for use when transporting implements and wagons. Other synchronesh features include more even ground-speed steps between gears, especially in the field-working speed range for more efficient matching of implements and loads.

A Dual Power (16x8) syn-

chromesh option, controlled by a simple electric switch on the tractor dash, is available on Series 10 tractors with four-cylinder diesel engines.

Independent power take-off (PTO) for the 201-cubic-inch three-cylinder and all four-cylinder diesel tractors has redesigned components to improve the controllability of implements, reduce PTO shaft and implement shock during start-up, and provide easier implement hook-up.

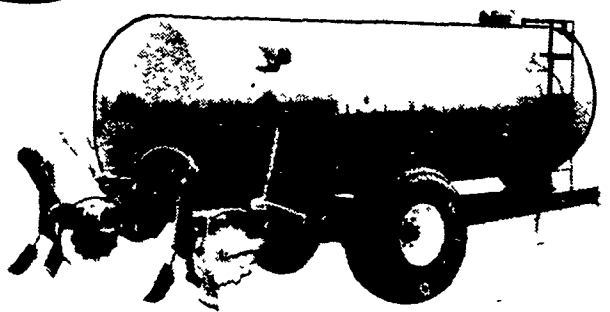
Series 10 hydraulic-system improvements include a new hydraulic power lift on four-cylinder models with automatic flow control, more sensitive adjustment, and a controlled implement drop rate to help reduce implement damage. A new dual pump option, available on all

models, increases hydraulic flow to provide more system flexibility with implements. New four-position closed center remote valves, available to provide smoother and more precise control of implements, also offer a number of improved features and benefits.

Other Series 10 functional improvements include a new power-steering pump for the largest three-cylinder model and all-purpose four-cylinder models, a new foot throttle, and an optional center-drive integral front-wheel-drive system for tractors with four-cylinder engines.

Ford Series 10 agricultural tractors have distinctive new styling to emphasize their many new functional features. The radiator shell, grille, and hood are new on all but the 6710 and 7710 models. Medium blue and white graphics accent Ford's traditional color scheme and surround the Ford oval on the tractor's front hood.

A new lower-horsepower, all-purpose model with simplified hydraulics will be offered later in 1982, bringing the number of Series 10 models to 11.



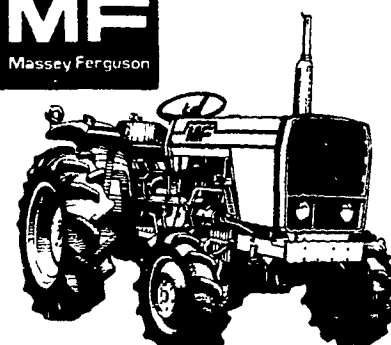
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