

Deere Releases Tractor Safety Patents

Deere & Company, which pioneered in the development of overturn protection on farm tractors in the mid-1960's, announced recently it has offered to make its patents available to other tractor manufacturers without charge.

The firm said it was taking the step in the interest of safety of farm tractor operators and in the hope this might lead to increased usage of protective roll frames by farmers.

Deere said it has written to other tractor manufacturers informing them it has granted them a "non-exclusive paid up" license for the use of its roll frame patents. The company previously had made available to other manufacturers much of its research data on tractor upsets and protective frames.

During the 1960's, Deere & Company conducted extensive research work and field testing to develop requirements for overturn protection. The development work included a large number of field tests at the John Deere research center in Waterloo, Iowa, in which tractors were purposely overturned in different ways so engineers could observe and measure what happened.

The testing resulted in the introduction of the first protective roll frames for farm tractors by John Deere in 1966.

The protective frames were called "Roll-Gard" because tests showed that in most cases the frames would limit overturns to a 90-degree roll instead of the tractors turning completely over.

In 1968 and 1969, the Company, in cooperation with its dealers in farming communities throughout the United States and Canada, distributed 5,000 "Roll-Gard" protective frames in connection with a

special safety program that was conducted as part of its annual "Farming Frontiers" programs.

With the increased use of tractor cabs in recent years, John Deere has incorporated the "Roll-Gard" protective frames in its tractor cabs to protect against crushing in the event of an upset.

Tractor overturns are believed to be the leading cause of deaths and serious injuries involving farm equipment.

New Two-Year-Old Record Made

A national Holstein food production record by a Lancaster County man has been displaced recently.

The record is for a semi two-year old milked twice daily in the 365 day division of the DHIR program.

The new record of 22,170 pounds of milk and 801 pounds of butterfat in 333 days has been reported by Valley-Nook Ann 6723616, owned by Foster W. and Frances C. England, Williamsburg.

The previous record of 21,736 pounds of milk and 801 pounds of butterfat was held by Fultonway Ivanhoe Becca 5646292, owned by J. Mowery Frey & Son, Lancaster.

Elsewhere, three registered

Holstein bulls from Pennsylvania have been designated Good Medal Sires by the Holstein-Friesian Association of America. The three are

Tidy Burke Transmitter 1466179 (VG), A Citation Sovereign 1414618 (VG), both owned by Sire Power, Inc., Tunkhannock, and Fountain Farm Robin Hoe 1422697 (GP), owned by John C. Thompson and Sons, Newtown.

Cooperators Named

The following is the list of new cooperators named by the Lancaster County Soil and Water Conservation District:

John D. Milner, Little Britain Township, 86 acres; Howard M. Fricke, Fulton Township, 27 acres; Jeff McCune, Elizabeth Township, 15 acres; John H. Bowman, East Donegal Township, 12 acres; Northern Lancaster County Fish and Game Association, West Cocalico Township, 154 acres; Holiday Parks, Inc., Salisbury Township, 72 acres; Jonathan H. Martin, Earl Township, 60 acres; Fred Shimrock, Manheim Township, 15 acres; John W. Michener, West Hempfield Township, 67 acres.

Let Them Eat Cake?

A new fortified filled cake, approved by the Department of Agriculture for the school breakfast program, is convenient and contains all the required nutrients, but some nutritionists are having second thoughts about the product.

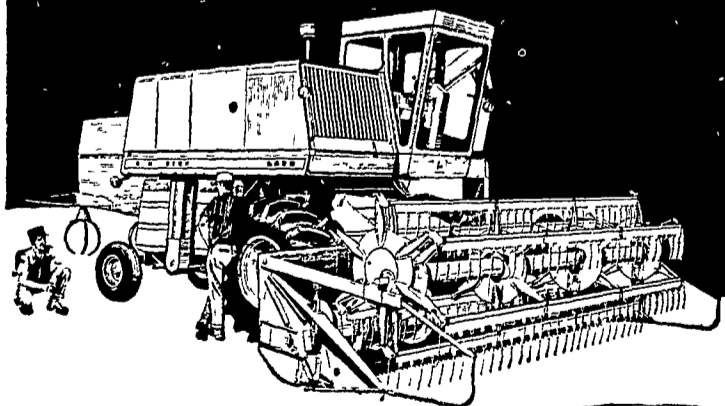
They think it encourages children to move away from eating the Basic Four foods and to rely on a concentrate.

They also think the cake will encourage children to eat more sweets and will increase the difficulty of teachers and nutritionists in training children to eat a good diet.

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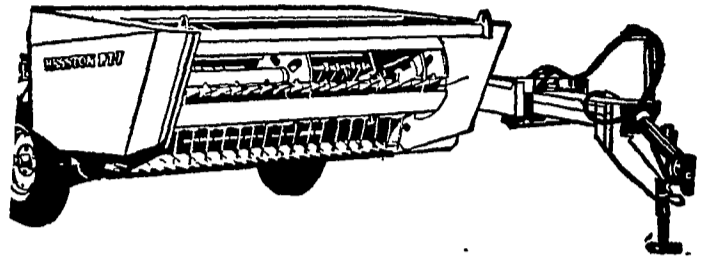
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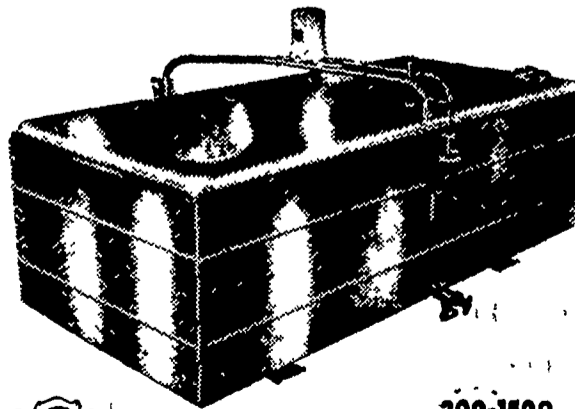
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