

# Twin rotor combine wins gold medal

NEW HOLLAND — The rotary threshing concept, introduced by Sperry New Holland four years ago, is already attracting international attention, according to George Eastman, product manager for combines.

"We have been advised by the Committee for Encouragement of Technological Research at the prestigious Paris International Agricultural Show, that the TR 70 Twin Rotor combine has been awarded a gold medal for its contribution to the progress

of farm mechanization," Eastman said.

Designed for the high volume North American crops, the TR 70 has already attracted the attention of farmers in Australia, South America and Europe because of its unique crop saving features. The recognition at the Paris machinery show is an indication that the rotary concept is being given close attention in other areas of the world where the efficient harvesting of grains, corn and beans is becoming increasingly important, according to Eastman.

The TR 70 Twin Rotor

combine features two side-by-side rotor threshing lengthwise through the combine. This eliminates the cylinder-concave arrangement across the front of the machines. That system has been the basis of almost all combines since self-propelled harvesters were first brought into use. The harsh impact of the older cylinder-concave units often resulted in a high percentage of damage to the crop.

The Twin Rotor system uses centrifugal force created by rotating rotors to assist in the separation of grain. There is less opportunity for repeated

impact of the grain on the cylinder and the addition of the rotary threshing

concept of the Twin Rotor combine eliminates the need for strawwalkers (vibrating grain separators) that were necessary in older combines. This reduction in vibration, which caused operator fatigue, was especially noted by the blue ribbon committee which made the award to Sperry New Holland.

In the official presentation it is noted that "The new arrangement permits a more compact design inside and greater speed, whilst by reducing vibration, comfort is improved."

The Committee to Encourage Technical Research is made up of the faculty member from leading agricultural colleges and research centers in France. Machines are judged on the quality of work, gain in

productivity and advantages to the user in areas such as comfort, safety and reduction of user fatigue. Design and economic factors also play a role in the

awarding of the medals for machinery.

Sperry New Holland first introduced the Twin Rotor combine in 1975 in a limited number.

## Egg Clearinghouse trading volume lower

DURHAM, N.H. — Trading volume declined on Egg Clearinghouse during the month of April after setting a new first-quarter sales record, according to Ray Delano, President and general manager.

Sales totaled 40,860 cases for the month, Delano reported. This volume was the lowest since 1975 and was 18 per cent lower than last year's volume for April.

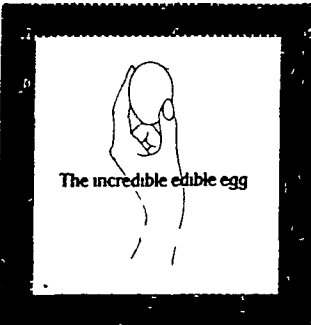
Delano said there were bids for 641,064 cases and open offers for 330,270 cases during the month. There were 101 egg firms participating in the month's trading, he reported.

"There were some encouraging signs in April's trading," Delano quickly noted. "Almost half (48.8 per cent) of the sales were made under ECI's new origin certificate recommendations and there were no buyer rejections for the entire month. There was only one minor adjustment for quality."

Public egg trading through Egg Clearinghouse established a new quarterly sales record exceeding the previous high by more than 5,000 cases. Some 247,445

cases were traded during the first three months of 1979 — a 32 per cent increase over the same period last year and two per cent greater than 1977's record year.

Delano said he expects public trading to continue growing among both buyers and sellers as they become more aware of the opportunities that are available through ECI. He said the revised trading rules, which went into effect April 1, make it possible for a producer to sell all the eggs produced by a flock. New delivery schedules permit "hot loads" to be delivered within 48-hours or specified deliveries to be made from one to four weeks after the trade.



American Viewpoints



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