

Embryo transfers

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interests and he has been associated with them in all parts of the country. He regards embryo transfers as "quite a merchandising tool" and acknowledges that it is a method of reproduction which can have profound effects on the dairy industry.

Via Pax recently accomplished a successful embryo transfer using an embryo which had been frozen for 60 days. The perfection of this process will give great flexibility to applications of the technique in all parts of the world.

The firm has done embryo transfer work in primarily the Northeast and Upper Midwest, but could go to other parts of the country as well. When considerable traveling distance is involved, the company

requires that several cows be assembled in one place. These cows are then synchronized for heat, bred, and flushed. It sounds simple. According to Hasler it is simple. But it takes patience and expertise. One minor mistake and an entire operation is lost. It gets tricky — as can be exemplified by the requirement of synchronizing heat periods between the donor and recipient animals.

The first successful embryo transfer occurred in 1890 when Walter Heape pioneered the technique with rabbits. But it hasn't been until this decade that serious efforts were made on a commercial scale.

For those who feel they have a cow worth the effort and expense, embryo transfers are a sure way of getting many more offspring

than would be possible if Nature ran things entirely on her own. "It's the closest you can come to having a cow produce a litter," says Dr. James Evans at the New Bolton Veterinary Medical Center, Chester County. He and his associates have done embryo transfer work and research at New Bolton for the past 18 months. New Bolton is a wing of the University of Pennsylvania's School of Veterinary Medicine.

The idea of embryo transplants is to make use of more of a top cow's genetic material (eggs), as is already being done with bulls through the collection and artificial insemination of sperm. In short, embryo transfers are making it possible for top cows to have hundreds of daughters and sons.

Lanc. Co. gymkhana set

LANCASTER — A Lancaster County 4-H Horse Club Gymkhana will be held on Sunday, June 18, beginning at 9 a.m. at the Glicks Trailer Shop, Bareville. The show is open to all Lancaster County 4-H members and their project animals only.

Classes will be judged according to 4-H rules. Entry fee will be \$1 per class with the proceeds going towards

the awards banquet in December.

Animals may be shown under both English and western tack. There will be a bake sale and 4-H'ers are urged to bring baked goods to sell.

Classes in the gymkhana include: Grooming and showmanship, both junior and senior, dollar bareback; hunt seat equitation, both junior and senior; egg and spoon; English pleasure pony; English pleasure

horse; walk-jog; walk-trot; working hunter horse; working hunter pony; scurry race-pony; scurry race-horse; western equitation, junior and senior; barrel race-pony; barrel race-horse; western pleasure-pony; western pleasure-horse; western riding; trail class-pony; trail class-horse; barnyard jumping; pole bending-pony; pole bending-horse; break and out; pair class, and county team.

If there are any questions, members can call Rose Fellenbaum at 717-569-3068 or Mary Ann Rohrer at 717-786-7604.

Conservation group meets

LANCASTER -- The Lancaster County Conservation District held its monthly meeting Wednesday at the Lancaster Farm and Home Center.

Plans were discussed concerning the Resources Conservation Act, which directs the USDA to make a total assessment or appraisal of America's basic

natural resources and to help protect and improve them. Covered will be the nation's soil, water, and related resources.

The program calls for public input and a tentative meeting for groups in Lancaster County was scheduled. More information will be released later concerning the date and purpose of this meeting.

Other matters covered at the meeting included the land judging contest and the choosing of an outstanding cooperator for the year.

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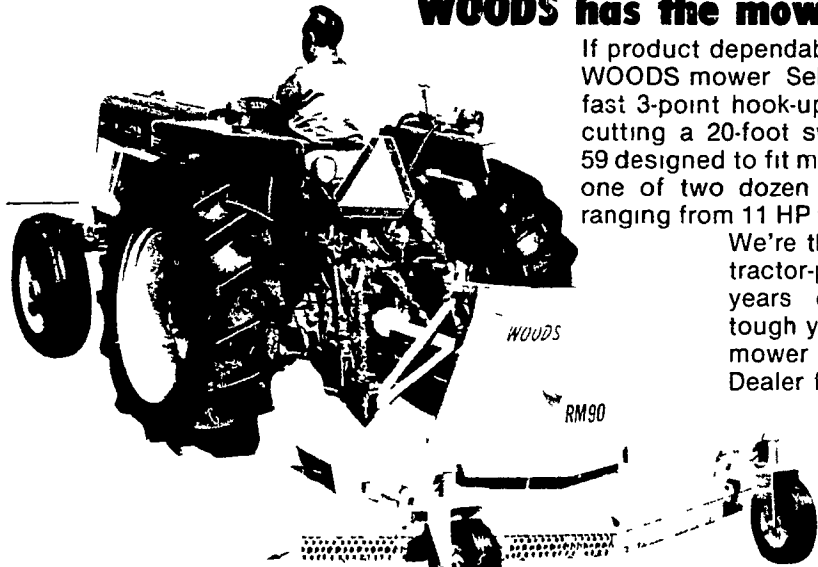
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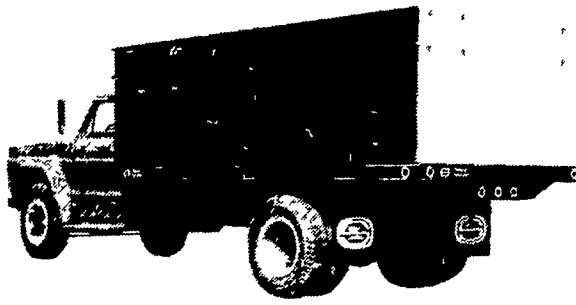
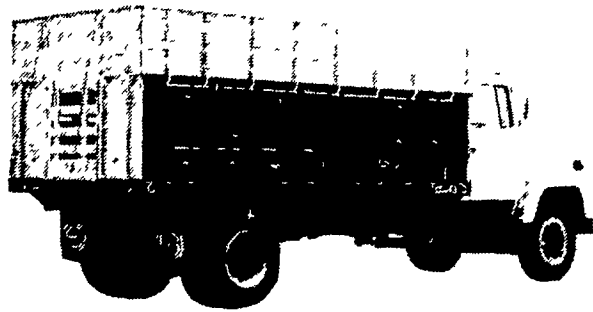


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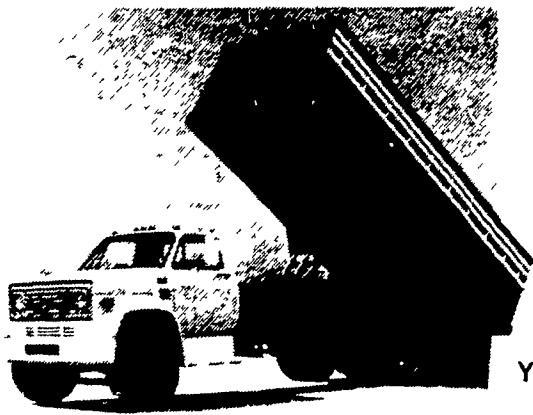


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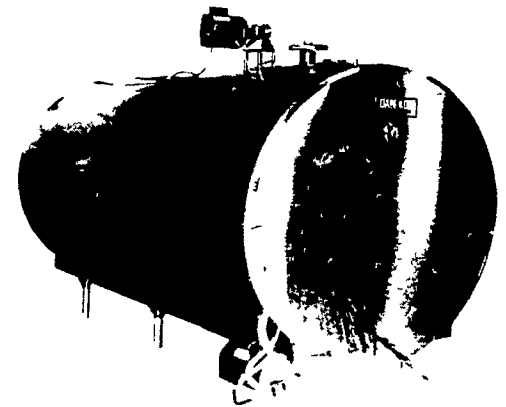


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