# Draft Horse Association Holds Clinic

he can provide them to other veterinarians, and to back up his findings and recommendations, should they be questioned.

With the aid of drawings and the video tape, Dr. Edelson showed what a fertilized egg looked like, what a tumor looked like and also showed how to abort unwanted eggs using the ultrasound.

He said he recommended its use at least twice during a pregnancy. And he cautioned that the cost of using ultrasounds for pregnancy detection is costly, but that it is vital to breeding expensive horses which may be worth tens of thousands of dollars, to protect the large investments people make into breeding top quality racing horses and other high quality breeds.

Using a live pregnant mare, Edelson peformed an ultrasound for the group, showing the developing embryo.

On breeding, Edelson also told the group that horses, although seasonal breeders, can be induced to come into a breeding period through the use of light therapy.

He said that after the horse becomes anestrus for the year, they can be brought into heat by bring-

ing them into a lighted barn about a half hour before the sun goes down. The lights should be on a timer and have to have a minimum power of 200 foot candles.

According to Edelson, horses reproductive cycles are driven by the peneal gland, which is located behind the eyes, close to the pituatary gland.

Adequate light strength and duration of 16 hours-per-day, every day, for 60 days, is needed to get the horse to start cycling, he

Any mistakes during the 60 days will nullify the entire process.

He said, however, that research is being pursued on findings that a single bright blast of light can do the same thing, though much more work needs to be done with that before any recommendations could possibly be made.

Members and officers helped teach about hitching and judging, using a variety of equipment and horses.

The members also held a banquet during the evening.

The association held its first clinic in 1979 in State College and had 80 members. The growth of the association now numbers more than 240.

Saturday's clinic was organized by Delmar and Lowell Landis, of Lititz, and Luke Bruckhart, of Manheim.

"The seminars are for people, experienced and new. And we had a fair amount of new people this time," Bruckhart, association president said.

Anyone intersted in joining the association should contact Bruckhart at (717)655-5198, or the Landis brothers at (717) 569-0574, or 569-7778.



Jill Beldl, with Pine Ridge Farm, drives a cart drawn by a Belgian owned by Luke Bruckhart, president of the Pennsylvania Draft Horse & Mule Association, during the group's spring clinic.

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