

# Dogs need protection against new disease

LANCASTER — Dog brokers and dealers and participants in shows and field trials must take special precautions to prevent the spread of parvovirus infections according to Dr. L. Dwight Schwartz, extension veterinary specialist at Penn State.

"Parvovirus is a new type of viral enteritis that was unknown before 1978, and

some people may not be aware of its importance," says Dr. Schwartz.

Schwartz says brokers, dealers and others should keep dogs from different sources separated for at least a week. Run, cages, food bowls and other equipment should be thoroughly disinfected with a diluted chlorine solution. He recommends 4 oz. of

chlorine bleach per gallon of water. Cleanup and sanitation are crucially important, as the disease appears to spread principally through contact with contaminated feces, he said.

Schwartz also recommends breeding bitches be vaccinated by a licensed veterinarian. This is especially important when puppies are to be shipped or

when they may be exposed to other dogs, he adds.

The puppies will get protection against parvovirus from antibodies passed through the mother's milk during the first few days of life. This temporary immunity is usually ineffective after six weeks of age.

"The disease strikes rapidly and hard," he says.

Lancaster Farming, Saturday, December 13, 1980—B7

"It is characterized by loss of appetite, vomiting, severe diarrhea, dehydration, high temperature and low white blood cell count. Often adult dogs recover, especially if prompt veterinary treatment is provided to counteract dehydration and control diarrhea and vomiting, but death loss in puppies can be quite high."

"Wherever dogs congregate, parvovirus infection has the opportunity to spread rapidly, and outbreaks of parvovirus have occurred in all areas of the country," Schwartz says. "People can carry the virus home on shoes and clothes, thus exposing their dogs. The virus is not known to cause any health problems in humans."

USDA has licensed a killed virus vaccine against canine parvovirus, but supplies are

extremely short. A number of veterinarians reportedly are using feline panleukopenia-cat distemper-vaccine to immunize dogs against parvovirus; however, this product is not approved for use in dogs, he said.

Additional biologics producers are working to get parvovirus vaccines approved. Research and development is underway to produce a live virus vaccine, in the hope that it will give full protection sooner and protect longer than the killed virus vaccine presently approved.

The killed virus vaccine must be given in two doses 14 days apart and repeated annually.

Full protection against exposure to disease does not develop until about one week after the second vaccination.

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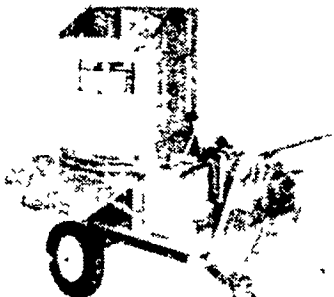
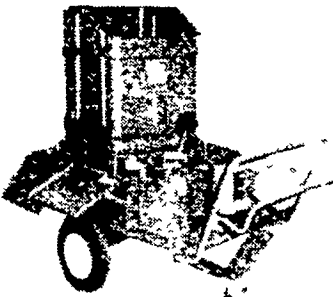


FRAME: steel monocoque paint  
BARREL: plastic 3/16" thick  
WHEELS: 2 pneumatic of 16"  
WHEELS: 1 swiveling  
BRAKE: on wheel swiveling  
CAPACITY: 1-bale/50 seconds approx  
DIMENSIONS: width 31" (80 cm) (with out handle) length 45" (115 cm)  
DIMENSIONS: height 55" (140 cm)  
WEIGHT: 440 lb (200 kg)

### ELECTRIC BEDDING CHOPPER

Wic also makes an electric 200 volt a.c. chopper or a 24 volt d.c. battery operated chopper including an automatic charger. These two models are equipped in the factory with a manual starter panel and are protected by fuses to diminish risk of accidents.

Very quiet these bedding choppers are mostly used on small or medium sized farm. As well as being mobile the 220 volt a.c. model can be installed stationary. Motor 220 volt a.c. 3 h.p. 24 volt d.c. 2 1/2 h.p.



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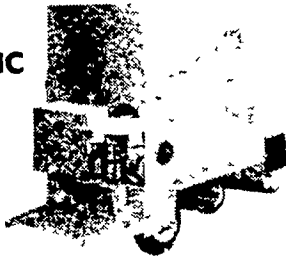
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## Garden Spot farmers to hold silage meeting

EAST EARL — The Garden Spot Adult Farmer Program will conduct a Silage Management Meeting on Tuesday, December 16, 1980, at 7.30 p.m., at the Union Grove School.

Two areas of concern will be examined — storing silage in plastic "bags", and the use of silage preservatives. Speakers will include Frank Walters from American Ag Bag and Timothy Markovits from Pioneer Seed Company.

A new, apparently inexpensive method of storage of corn silage, hay silage, high moisture corn, is the use of large plastic bags, stuffed with the silage much like a sausage, is being introduced into the area and this meeting will examine the features, advantages and

limitations of this storage system.

The use of preservatives has been a controversial question for years and many products are being marketed. When a major seed corn company feels the use of preservatives may be justified, farmers want to hear more. The reasons why they work, what they will do, won't do, when they should be used, and many more questions will be explored.

All area farmers are invited. The Union Grove School is located on route 625, two miles north of route 23, just outside the village of Terre Hill.

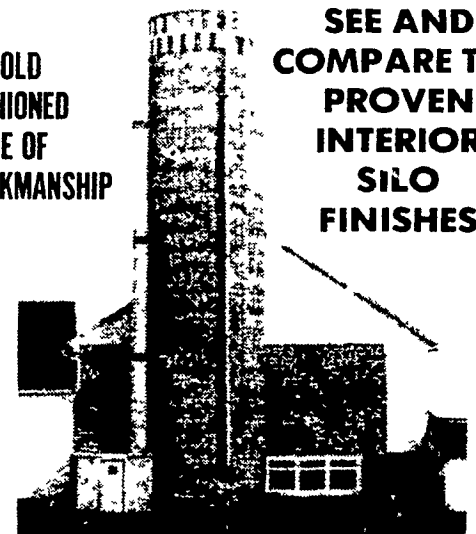
For any additional information, contact Donald Robinson, Adult Farmer instructor at 215/445-5041.

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