

Darren Grumbine tops hog show

BY DONNA McCONAUGHEY
Staff Correspondent

John Risser of Lebanon
exhibited the Reserve Champion

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LEBANON — The junior livestock shows at the Lebanon Area Fair got underway on Wednesday with the Swine show. Ken Ketterer, judge, sorted through 118 head of 4-H and FFA hogs.

The Grand Champion Market Hog was shown by Darren Grumbine, son of Mr. and Mrs. Dennis Grumbine of Myerstown. A lightweight Duroc, this sharp hog was part of Darren's second year 4-H project.

The Reserve Grand Champion Market Hog was shown by Jeffrey Bomgardner of Annville. A Hamp-Landrace-Duroc cross, it was a home-bred hog.

Shelby Heagy, a first year 4-H'er showed the Champion Light Mediumweight and the Reserve Champion Heavyweight.

Chris Kirst of Fredericksburg showed the Champion Mediumweight, a Duroc. The Champion Heavyweight was shown by Daryl Grumbine of Myerstown.

Jodi Kreider of Lebanon claimed two Reserve Championships in the market hog competition. Jodi exhibited the Reserve Champion Lightweight and the Reserve Champion Mediumweight.

Goat show winners named

LEBANON — Dairy goat competition at the Lebanon Area Fair took place on Monday afternoon. Members of the Lebanon Valley Dairy Goat Club swept the competition.



LaMancha champion in Lebanon Fair goat show was exhibited by Dawn Spittler.

Dawn Spittler exhibited the Champion La Mancha, a four-year-old milking doe. A six-year 4-H member, Dawn has exhibited in shows in Pennsylvania, Delaware, Maryland, and New Jersey. Her winning entry was homebred. Dawn also received Champion Fitter and Showman honors.

The Champion Alpine was shown by Mike Yedinak of Lebanon. Also a homebred entry, this milking doe is part of his third year 4-H member's project.

Mike also claimed Reserve Champion Fitter and Showman

honors of the goat show. — D.M.
Show results:

- Alpine-4-H**
Yearlings 6 24 mo 1 Mike Yedinak Gr Champ 2 Kim Stein Reserve Gr Champ
- LaMancha 4-H**
Kids up to 6 mo 1 Dawn Spittler
Yearlings 6 24 mo 1 Dawn Spittler Reserve Gr Champ
Milking doe any age 1 Dawn Spittler Gr Champ
- 4 H Showmanship**
8 13 yrs of age 1 Kim Stein Reserve Showman
14 & over 1 Dawn Spittler Gr Showman 2 Mike Yedinak
- 4-H Fitting**
8 13 yrs of age 1 Kim Stein Reserve Fitter
14 & over 1 Dawn Spittler Grand Fitter 2 Mike Yedinak

Potomac Fever

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Edelson says is very difficult to control.

During both the depression and diarrhea phases, the animal's temperature may range from a moderate increase over the normal 99° to 101° range, to as high as 106°.

Following these two stages, severe toxemia results from the inability of the horse's body to rid itself of wastes generated by intestinal bacterial action. The normal term of the disease is six to seven days.

Dr. Edelson reports that a secondary complication arising from the toxemia is the onset of

Laminitis, or founder, characterized by a reluctance to walk. In fact, walking may become so painful for the horse that humane destruction is advisable, says Edelson.

The proper treatment involves the use of what seems to be "oceans" of Pepto Bismol and Paragoric, by human standards. Dr. Edelson treats an afflicted animal at least three to four times a day, using one quart of Pepto Bismol and three to four ounces of Paragoric at each application. Three ounces of electrolytes (salts) are also administered in powder form mixed with water.

Because of the severe dehydration often accompanying Potomac Fever, as much as 50 gallons of fluids will be administered intravenously throughout the course of the disease.

Total amounts of medicines required will range from eight to 10 gallons of Pepto Bismol and half a gallon of Paragoric.

But even among those animals receiving proper treatment, a mortality of about 20 percent will occur, Edelson reports. About 30 percent of the horses contracting the disease will founder, the veterinarian states, and of these animals, a large percentage will be destroyed. Mortality among untreated animals is about 75 percent.

The veterinarian stresses three important factors in dealing successfully with Potomac Fever. First, early detection and treatment are of paramount importance. Second, very diligent and aggressive treatment is advised, and Edelson emphasizes that the disease is almost impossible to treat without veterinary assistance. Finally, the use of antibiotics like penicillin, and anti-inflammatory medication such as Butazolidin is very detrimental.

"This year, due to a better understanding of the disease, we're better able to treat it successfully," Edelson states. "So far this year I've lost only one of my 25 cases."

Believed to be spread by insects, Potomac Fever gets its name from Maryland's Potomac Valley where it was first recognized. Though Dr. Edelson says that the disease surfaces quite predictably during the first week of July, he admits that precious little information is available concerning the fever's origin and prevention. No vaccines are available at this time.

Through studies conducted at the University of Pennsylvania, it is known that the disease's incubation period is 15 to 17 days. That is, horses injected with the blood from other horses known to be infected began showing symptoms about two-and-a-half weeks after being injected.

Because insects are the suspected carriers, Edelson surmises that meticulous insect control may be helpful in preventing the disease.

Research on Potomac Fever is currently being conducted at the University of Pennsylvania, the Center for Animal Disease Control in Ames, Iowa, and the Virginia Institute of Technology.

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