

# Pennsylvania Hay Show

## Good Hay Quality — Fewer Entries

**BY PAT PURCELL**  
**ROCK SPRINGS (Centre)** — Apparently, the farming community's prayers for rain last year were answered this year. What last year's drought did for increasing hay quality, this year's monsoons did for diminishing hay quality. The wet and rainy conditions made it difficult to make an abundance of good hay. That was evident in the number of entries in the annual Pennsylvania Hay Show was held this week in conjunction with Ag Progress Days in Rock Springs near Penn State's University Park campus.

In an average year there may be as many as 150 entries. Last year that number fell to 115 and this year's entries fell to 73. Of the 30 classes in the show there were no entries in eight classes and one entry each in nine of the classes. The acid digestible fiber (ADF) levels this year were approximately 35 percent which is typical of most years, according to Dr. Sid Bosworth, asst. professor of agronomy at Penn State. Last year was not a typical year. The drought created optimum conditions for making good quality hay.

The 1988 hay show was the first time visual judging was complemented with computer forage analysis and there were many entries with ADF levels below 30 percent and a large number of entries were near that level. Last year's grand champions had ADF levels of approximately 25 percent with TDN (total digestible nutrients) approximately 71 percent. This year the grand champions' tested at ADF levels of approximately 35 percent with TDN between 61 and 62 percent.

"We thought the number of entries would be down 10-20 percent and they were," said Bosworth. "We had a couple of people who always show who chose not to show this year. But, overall we had

hay just as good as anything I've seen, particularly the second cuttings."

Bosworth noted that many of the samples submitted looked good and did not appear to have been damaged by the rain. The high temperatures of the past few weeks may have had as much impact on some samples as did the excessive rain.

"Most of the state has been hit pretty hard by the rain, particularly Lancaster, Lebanon and Dauphin counties. But there are some counties, Indiana, Butler and Cambria which may up until last week have had a slight deficit in rainfall," said Bosworth.

He added that though some areas may have had less rain and better haymaking conditions, he does not see a surplus of good in these areas to meet the needs of farmers in neighboring counties for good quality hay.

Penn State offers a service on its computer program, Pen Pages, to aid farmers in locating forage and feed supplies. Bosworth predicts this service might see some use this year as farmers run short of good hay.

The grand champion of section I (entries field cured or partially field cured, plus mow finish without heat or hay preservatives) was Melvin Martin of Thompsettown in Juniata County. His Class 2 entry, which is alfalfa, later cutting with not over 10 percent grasses, tested on a dry matter basis: Crude Protein--20.3%; Digest Prot Est.--15.3; ADF--33.7%; NDF--49.5%; and TDN--62.6%.

Grand champion in Section 2 (partially field cured plus heat dried no hay preservatives) was Hershey Farms of Hershey in Dauphin County. Their class 12 entry of alfalfa, later cutting with not over 10 percent grasses tested: CP--17.8%; DPE--13.1; ADF--35.5; NDF--48.5; and

TDN--60.7

Grand champion of Section 3 (entries for partially field cured plus hay preservatives) was Harold Kauffman of Mifflintown, Juniata County. His Class 30 entry of mixed hay, more than 50% grasses, any mixture not classified in the previous classes, but which contain 50 percent or more singly or in combination of alfalfa, clover, or birdsfoot trefoil and grasses with total grass content more than 50 percent tested: CP--18.3; DPE--13.5; ADF--35.8; NDF--54.6; and TDN was 61.7%

The hay show judge was Dr. Lester Vough, forage agronomist at the University of Maryland.

**HAY SHOW RESULTS**  
 Grand Champion  
 Section 1  
 Field Cured  
 Melvin Martin  
 Grand Champion  
 Section 2  
 Partially heat-dried  
 Hershey Farms  
 Grand Champion  
 Section 3  
 Preservative Treated

- Harold Kauffman  
 Class 1  
 Alfalfa, 1st cutting, field cured  
 1. Brian Fulmer, Pen Argyl, Northampton, 2. H. Raye Ruhland, Seven Valleys, York.  
 Class 2  
 Alfalfa, later cutting, field cured  
 1. Melvin Martin, Thompsettown, Juniata, 2. Joseph McGutcheon, Altoona, Blair, 3. Lester Haubert, Richfield, Snyder.  
 Class 3  
 Alfalfa Grass Mix, 1st cutting, field cured  
 1. B. Fisher, Pen Argyl, Northampton, 2. Ruhland.  
 Class 4  
 Alfalfa Grass Mix, later cutting, field cured  
 1. Ben Myers, Mercersburg, Franklin, 2. Dewey Shearer, Jr., Newville, Cumberland, 3. Paul Juhrs, Middleburg, Snyder.  
 Class 5  
 Clover, field cured  
 1. R. Ruhland, 2. Steve Yakamook, McClure, Snyder.  
 Class 6  
 Clover Grass Mix, field cured (one entry) 1. R. Ruhland.  
 Class 7  
 Grass Hay, 1st cutting, field cured  
 1. Ruhland, 2. Tallase Bros. Farm, Volant, Lawrence, 3. John E. Shearer, Port Royal, Juniata.  
 Class 8  
 Grass Hay, later cutting, field cured  
 1. Terry Eutzy, Huntingdon, Huntingdon, 2. Harrop Farms, Milroy, Centre, 3. David Yoder, McVeytown, Mifflin.  
 Class 10  
 Mixed Hay, more than 50% grasses, field cured  
 1. Ben Myers, Mercersburg, Franklin, 2. Brian Fulmer, Pen Argyl, Northampton, 3. Allen Glick, Mifflintown, Juniata, 4. Randy Shaver, Crystal Springs, Fulton, 5. Ruhland.  
 Class 11  
 Alfalfa, 1st cutting, partially heat dried  
 1. Heidel Hollow Farm, Germansville, Lehigh.  
 Class 12  
 Alfalfa, later cutting, partially heat dried

1. Hershey Farms, Hershey, Dauphin, 2. Heidel Hollow Farm.  
 Class 13  
 Alfalfa Grass Mix, 1st cutting, partially heat dried (one entry).  
 1. Heidel Hollow Farm.  
 Class 20  
 Mixed Hay with more than 50% grasses, partially heat dried (one entry)  
 1. Heidel Hollow Farm.  
 Class 21  
 Alfalfa, 1st cutting, preservative treated (one entry)  
 1. Harold Kauffman, Mifflintown, Juniata.  
 Class 22  
 Alfalfa, later cutting, preservative treated  
 1. Harold Kauffman, 2. Terry Eutzy, 3. MR Hershey School Farms, Hershey, Dauphin.  
 Class 23  
 Alfalfa Grass Mix, 1st cutting, preservative treated (one entry)  
 1. Harold Kauffman.  
 Class 24  
 Alfalfa Grass Mix, later cutting, preservative treated  
 1. Harold Kauffman, 2. Terry Eutzy.  
 Class 26  
 Clover Grass Mix, preservative treated (one entry).  
 1. Kauffman.  
 Class 27  
 Grass Hay, 1st cutting, preservative treated (one entry).  
 1. Harold Kauffman.  
 Class 28  
 Grass Hay, later cutting, preservative treated (one entry).  
 1. Harold Kauffman.  
 Class 29  
 Mixed Hay, greater than 50% legumes, preservative treated (one entry).  
 1. Harold Kauffman.  
 Class 30  
 Mixed Grass/Legume Hay, preservative treated.  
 1. Harold Kauffman.

## Fireking Enters Select Sires Program

PLAIN CITY, OH. — 7H3664 Mossys Enhance FIREKING-RED-ET, a young sire bred by Harry Mosholder, Rockwood, PA, has been chosen to enter Select Sires' Program for Genetic Advancement (PGA) sire sampling system. Based on his outstanding pedigree, FIREKING has been selected as one of 160 Holstein bulls from throughout the United States to enter the program in 1989. In addition to being sampled through PGA Cooperator herds, this young sire has been selected as a Super Sampler. With this designation, he is also available to all interested Holstein breeders.

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