

Lebanon Area Fair Open Holstein Show Has Depth In Quality

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SOUTH LEBANON (Lebanon Co.) — More than 200 entries in the annual Open Class Holstein Show competed in the show tent at the Lebanon Area Fair last week, making it one of the largest county Holstein shows in Pennsylvania.

Lebanon County, which lead the state in average milk production per cow last year, is known for its stiff competition during dairy shows. The Lebanon Area Fair Open Class Holstein Show saw several exhibitors enter the maximum number of animals allowed.

Taking both the coveted premium exhibitor and premium breeder banners were the Dale Hostetter family, of Annville.

Under the farm name of Dale-Pride Holsteins, the family's dairy cattle also captured the top dairy herd class, best three females in the senior division plus other individu-

al animal awards among age group classes.

The top cow however, was a dually owned aged cow, out of Straight-Pine Elevation Pete. Owned by both Dale Hostetter and Tom Lyon, Traskdale Pete An Bast, born Nov. 30, 1983, took titles for grand champion, senior champion, best aged cow, and best udder.

The Hostetter family did not pull a complete sweep of the trophies. The other top titles were spread among a number of animals representing 10 different dairy operations or families.

Dairy Judge Bob Morrell, of Cochranon, said the quality and quantity of dairy cattle was "outstanding" and he said it was not easy to select from among the types since all classes held great depth in quality animals.

The results of the show were:



Named Premier Breeder and Exhibitor of the Lebanon Area Fair Open Holstein Show, the Dale Hostetter clan gathers together to receive the banners. In addition Lebanon County Little Miss Dairy Princess Katie Lentz, who is holding the banner, from the left are: Dairy Princess Teresa Hill; Becky, Gall, Bryan, Kurt, Ernie, Thelma, Dale and Alan Hostetter; and dairy judge Bob Morrell.



On the right, Alan Hostetter holds the show halter of the Lebanon Area Fair grand champion and senior champion cow, Traskdale Pete An Bast. Kirby Horst holds the reserve senior champion and reserve grand champion, Lynncrest Chairman Quest, a 4-year-old owned by Lynncrest Holsteins and bred by Kirby and his wife Sheryl. Presenting the ribbons are Teresa Hill, dairy princess and Katie Lentz, Little Miss.



Kynel Bomgardner smiles after receiving the junior champion trophy and ribbon that were awarded to her senior yearling helper, Loving-Meadows Mint.



A plaque was awarded to Kirby and Sheryl Horst for having the Best Bred and Owned Holstein at the Lebanon open class show. The class competition was a first time thing for Lebanon, made possible through sponsorship by Morrissey Insurance, of Ephrata. From the left is Lebanon Dairy Princess Teresa Hill, Little Miss Dairy Princess Katie Lentz, Craig Morrissey, the Horsts, and judge Bob Morrell.

- Bull Calf**
1. David Bomgardner; 2. John Bomgardner; 3. Klinedale Farms.
- Jr. Yearling Bull**
1. Kevin Bomgardner; 2. Ju-Vindale Holsteins; 3. Samuel Geesaman.
- Jr. Calf**
1. C&J Dodson; 2. Nelson Bomgardner; 3. Jennifer Bashore.
- Intermediate Calf**
1. Alan Hostetter; 2. Nelson Bomgardner; 3. Kynel Bomgardner.
- Sr. Calf**
1. Nelson Bomgardner; 2. Ju-Vindale Holsteins; 3. Little Hill Farm.
- Summer Yearling**
1. Deborah Vail; 2. Dale Himmelberger; 3. Corwin Bomgardner.
- Jr. Yearling**
1. Dale Himmelberger; 2. Kraig Sellers; 3. Corwin Bomgardner.
- Intermediate Yearling**
1. DGK Holsteins; 2. David Lentz; 3. Dale Himmelberger.
- Sr. Yearling**
1. Kynel Bomgardner; 2. Jesse Bomgardner; 3. Sherry Donmoyer.
- Jr. Champion**
Kynel Bomgardner

- Reserve Jr. Champion**
Alan Hostetter
- Jr. Best Three Females**
1. Loring Meadows; 2. Himmel Valley Holsteins; 3. Ju-Vindale Holsteins.
- Dry Cow, 4 & Under**
1. Kevin Bomgardner; 2. Harvey Bomgardner; 3. Dream-On Holsteins.
- Dry Cow, 5 & Older**
1. Ju-Vindale Farms; 2. Klinedale Farms; 3. Barry Donmoyer.
- Jr. 2-Yr-Old**
1. Ju-Vindale Farm; 2. Klinedale Farms; 3. Melinda Bomgardner.
- Sr. 2-Yr-Old**
1. Peter Sonnen; 2. Corwin Bomgardner; 3. Becky Hostetter.
- 3-Yr-Old**
1. Dream-On Holsteins; 2. Alan Hostetter; 3. Dale Hostetter.
- 4-Yr-Old**
1. Kirby Horst; 2. Ju-Vindale Farms; 3. Dave Lentz.
- 5-Yr-Old**
1. Nelson Bomgardner; 2. Becky Hostetter; 3. Lynncrest Holsteins.
- 6-Yrs, Older**
1. Dale Hostetter- Tom Lyon; 2. Andrew Bicksler; 3. Lynncrest Holstein.
- Sr. Champion**
Dale Hostetter- Tom Lyon

- Reserve Sr. Champion**
Lynncrest Holsteins
- Grand Champion**
Dale Hostetter- Tom Lyon
- Reserve Grand Champion**
Lynncrest Holsteins
- Best Three Females**
1. Dale-Pride Holsteins; 2. Loving Meadows Holsteins; 3. Ju-Vindale Farms.
- Best Udder**
1. Dale Hostetter- Tom Lyon; 2. Lynncrest Holsteins.
- Dairy Herd**
1. Dale-Pride Holsteins; 2. Lynncrest Farms; 3. Loving Meadows Holsteins.
- Produce Of Dam**
1. Klinedale Farms; 2. Ju-Vindale Farm; 3. Sonnen Springs.
- Dam and Daughter**
1. Ju-Vindale Farms; 2. Barry Donmoyer; 3. Sonnen Springs.
- Bred & Owned**
Sponsored Bernie Morrissey Insurance Co., (Ephrata)
- Lynncrest Holsteins
- Premier Breeder
- Dale-Pride Holsteins
- Premier Exhibitor
- Dale-Pride Holsteins

Ag Progress Days **SPECIAL REPORT**

GOOD AIR DISTRIBUTION IS IN THE BAG!
Dan F. McFarland
Multi-County Agent

Swine producers are adopting "all-in-all-out" management techniques for many good reasons. Smaller groups of sows and pigs can be handled more easily for scheduling and better disease control. However, smaller farrowing and nursery rooms may be difficult to ventilate since very low air exchange rates are required during cold weather.

The "polytube air inlet" has provided excellent performance in installations with very low ventilation rates. As the name implies, a flexible plastic "bag" is installed along the ceiling above the farrowing stalls or pens. Small holes, of proper size and spacing, are punched into the sides of the polytube along the length. These holes allow inlet air to exit the polytube at several locations around the room. Tests using colored smoke and air speed meters show that air distribution is excellent throughout the room.

Polytube inlet systems should

not be confused with "positive pressure" ventilation systems which use fans to force air into the building. Polytube air inlets work with "negative pressure" ventilation systems where the fans act as exhausters which lower the pressure in the room. Because of this pressure difference, fresh air from outside the room is drawn in through the most convenient opening. In a properly designed system, the polytubes provide the opening and are inflated as inlet air enters the room.

The continuous and mild weather ventilation requirements for each room determine the number and diameter of polytubes needed. Typical polytube sizes range from 10" to 16" in diameter. Experience indicates that polytubes work best when placed approximately 12 feet apart. For good air distribution, the polytube exit holes should not be spaced approximately 18" on center. Inlet air speeds between 200 and 800 feet per minute (fpm) are adequate for good air distribution. Draft problems may occur if air exits the polytube above 800 fpm.

Polytube systems work best

when fresh air passes through a "pre-heat" area before entering the animal rooms. This area can be a service alley or "clean" storage room. A single heater may be used to warm inlet air for all the rooms. Warmed air reduces the chance of chilling pigs and has increased moisture holding capacity.

To satisfy the inlet requirements for warm weather operation, self-adjusting baffle inlets are installed along side of the polytubes. These hinged foam baffles open automatically when higher air exchange rates are required. Weighted rods keep the baffles closed until the polytubes are fully inflated.

As an example, consider a 14-sow farrowing room with 7 stalls per row. The continuous, mild, and hot weather ventilation requirements are approximately 280 cubic feet per minute (cfm), 1,120 cfm, and 7,000 cfm, respectively. Proper air distribution is especially difficult during cooler months. With many "standard" inlet designs, it is difficult to reduce the inlet opening enough to maintain a desirable inlet air speed for proper air mixing. With a continuous baffle board inlet across the width of the room, an opening of less than 0.10" is required. Larger openings lead to lower inlet air speeds, which can cause pig chilling drafts. As an alternative, one 10" diameter polytube might be placed above each row of stalls to distribute air evenly throughout the room during the cold weather.