

State vo-ag assn. honors Biglerville teacher

UNIVERSITY PARK — George W. Hamilton, vocational agriculture instructor at Biglerville High School, was named the Outstanding Young Member by the Pennsylvania Vocational Agricultural Teachers Association at its annual convention awards banquet at Penn State last week.

Hamilton has been teaching agriculture at Biglerville since 1976. He serves as co-advisor of the FFA chapter and as advisor for the area Young Farmer chapter. He initiated a new course for the eighth grade students titled Introduction to Agriculture which has been an overwhelming success with the students acquiring an appreciation of the importance of agriculture along with basic facts and information. He has also introduced computers to the agricultural curriculum and will undoubtedly play a major role in the future agricultural instruction program at Biglerville.

Hamilton promotes community service activities for the FFA members and participation in the FFA's Building Our American

Communities Program. His students have been involved in the development of an outdoor laboratory, a peach orchard project in Gettysburg National Park, landscaping at the new Oaks Community Park, and many other community projects. Under his leadership, the FFA chapter has received national recognition the past two years for their projects in the BOAC Program - a national gold emblem award in 1979 and a national silver emblem award in 1980.

He has coached many individuals and teams to regional and/or state competition including parliamentary procedure teams, Ag mechanics contestants, land judges, horse judges, and forestry judges. In five years, he had inspired one state FFA officer, 19 state project book winners and 21 state Keystone Degree winners in his FFA chapter.

Hamilton serves as regional PVATA vice-president and as a member of the PVATA state executive committee. Recently he served on the state vocational

education task force to assess the needs of vocational agriculture educators in Pennsylvania. He also serves as chairman of the Agriculture and Home Economics Department at Biglerville High School.

His membership in agricultural organizations include Pennsylvania Farmers Association, Adams County Farmers Association, Adams County Beef Producers Association, National

Polled Hereford Association, Pennsylvania Polled Hereford Association, and 1979-80 advisor of Pennsylvania Junior Polled Hereford Association.

Hamilton is also a member of the National Vocational Agricultural Teachers Association, the National Education Association, the Pennsylvania State Education Association, and the Upper Adams Education Association. He has served on numerous committees of

the Upper Adams Education Association during the past five years.

The Outstanding Young Member Award is sponsored annually by John Deere, Inc., in cooperation with the National Vocational Agricultural Teachers' Association, Alexandria, Virginia. As a Pennsylvania state award winner, Hamilton will automatically be considered for the regional NVATA award.



George Hamilton, right vo-ag teacher at Biglerville High School, receives honors as Outstanding Young Member from Don Reinert, new president of the Pennsylvania Vocational Agricultural Teachers Association.

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THE PROBLEM

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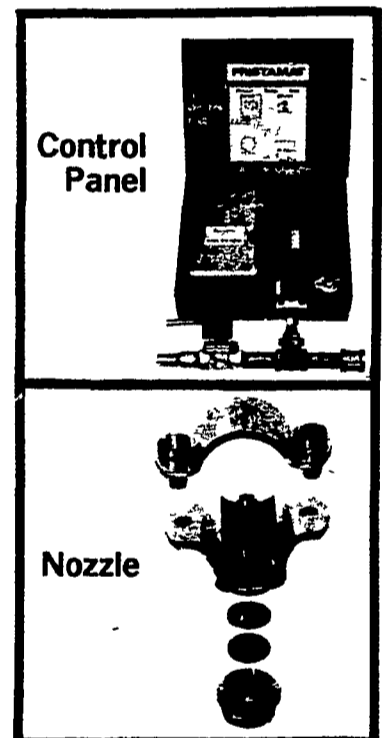
It's different with hogs. High temperatures cause them a great deal of stress because they can't sweat. When under this stress due to heat, hogs will lose their appetite, weight gains drop, there is poor feed conversion, conception rate is reduced and pens become a mess. All of this adds up to lost profits.

THE SYSTEM:

The sprinkle cycle is turned on automatically whenever the barn temperature rises above a preset level 72° F. Throughout this "on" period the control functions to permit sprinkling to occur for a preset time period each hour. (2 minutes/hour is recommended for best results.) When the barn temperature drops below 72° F the cycle is automatically interrupted.

THE SOLUTION:

When the temperature is above 72° F even ventilation can't cure the stress that results. But a sprinkler cooling system can help your hogs where nature fell short, giving them a chance to cool off. It sprays them with coarse water droplets to reduce their body temperature. The idea is simple, but extremely effective.



THE PROOF:

	Control Hogs not sprayed	Hogs Sprayed 1 min per hr above 85°F	Hogs Sprayed 1 min per 1/2 hr above 70°F	Hogs Sprayed 1 min per hr above 70°F
Average daily gain per hog	1.37	1.62	1.62	1.72
Average daily feed consumption per hog	5.84	6.77	6.72	6.67
Lbs feed per lb grain per day	4.38	4.18	4.16	3.89
Lbs feed save/hog	0	22	22	49
Days earlier to market	0	1	11	15

Research done at Ridgetown College of Agricultural Technology in Ontario and at the University of California have shown these results:

* These figures are calculated on hogs from 100 lbs up to 200 lbs



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