# Is Cloisterdale Pioneering Poultry Industry Breakthrough?

cently to see a new poultry specialists. manure disposal system in oper-

Ephiata RD1.

merical operation based on research by Dr Glenn Bressler During and his associates of the Penn necessity of providing a ven-State University poultry staff

a system-of stirring the waste peatedly stressed with pulley-driven metal equipuse of large fans.

manure systems.

have found to be serious, parti- reductions can be made in the serious that the wood was getcularly where the farm is near residential areas.

ing a large portion of the moisture The Cloisterdale opera-

weight and help make the pro- burg College campus where dor- throughout the state.

It is hoped that manure, in-lodging. stead of being a hability to poultrymen and a waste product which must be disposed of in the fastest and least costly manner possible, can become a saleable and profitable asset for the poultry industry.

Irwin pointed out that the Cloisterdale drying system has become a model for the industry and that the firm is now receiving visitors from several states and from other producers within Pennsylvania who have waste disposal problems and need to find a permanent solution

The visitors from New York recently were Pete Kerber, owner of Kerber's Poultry Farm, Huntingdon, Long Island, and Edward Makinajian, owner of Makinajian Poultry Farm, Long Island, and their Suffolk County ag agent, Robert L Brown Kerber and Makinajian each have about a 12,000 layer operation that includes retail stores

Kerbei in paiticular emphasized that he is surrounded very closely by residential neighbors and that he must find solutions to his waste problem, particularly the odor problem

satisfactorily.

In particular, he indicated that the manure wasn't being dried to the 30 per cent level and he wanted to find out why

Cloisterdale buildings which production for herds enrolled for this achievement have been converted to the new in official DHIR milk testing system The system was ex- piograms

were in Lancastei County re- with other Penn State poultry liquid system.

at three of its nine 30,000 bird blown by the fans. Under the in the air. present side exhaust system, not enough moisture is being rethe key to the whole operation, moval of it as a liquid The system is the first commoved from the building, it was

During the discussion, the tilation system which will re-Basically, the concept involves move the moisture was re-

ment and drying it through the siderable experience with its already going system

farmers and their county agent and Di Biessler, who stopped by ience with converting its present hadn't been solved the building dale product, Kerber says he al-

Kerber was told that probably stance, that with an even distri- made several changes in the visions the poultry feithliner as the air flow is not sufficient bution of fans throughout the system at this point and the a potential major sale item at his Accompanied by Jay W Irwin, under his present set-up to building a better drying job is problem was solved. No one is retail outlet associate Lancaster County agri- achieve adequate drying Kerber achieved at the far end of the certain what change solved the But first Kerber has to solve cultural agent, the visitors view- indicated that his fans blow the building away from the tans problem but Heri said he be- his production problems. That's ed the new manure drying sys. an in one direction, but the air Bowser speculates that this is lieves it was probably the intio- why he came to Cloisterdale, tem at Cloisterdale Farms, is exhausted to one side It was true because as the fans carry duction of exhaust fans to take talked to Cloisterdale officials indicated that he should provide the moist air from the back of the moisture-laden an out of the and the Bressler staff to find out Clossterdale now has the new for exhaust of the air in the the building to the front mois building system installed and in operation direction in which the air is and more moisture accumulated

it's believed that in the future

It's steps like these that repre-Cloisterdale has gained con- sent continued perfection of an

new system and has made sev- Actually, the biggest hurdles The concept has two key at- eral changes and modifications to already are past Bowser noted, tractions in relation to present make it work better and more for instance, that when the firm efficiently Starting out with 63 was converting the first building, First, the drying action kills fans in the first building, the il nearly gave up on the whole bacteria which cause odors, number was reduced to 52 in idea when high moisture levels thereby eliminating the odor the second and to 48 in the third began to accumulate in the buildfactor which some poultrymen The firm anticipates that further ing The problem became so

Two Long Island, New York with Glenn Herr, farm manager, future as the firm gains experting wet and if the problem rearly as good as the Cloister-

The firm previously used a pit

increased the weight and volume states of matter which had to be disposed of

With increasing public concern stringent enforcement of health and environment laws by government, Cloisterdale officials have indicated there is greater pressure to reduce odor and pollution through water run-off

with the liquid system is timing Although neighboring farmers solve this problem have cooperated in taking the waste on their fields, it can only be taken at certain times that will not interfere with crops Severe run-off problems can occur if the material is spread when the ground is frozen

The combination of restricly reduces the weight and nearly every county in the state ing leadership potential Train-tions has limited the spreading Dr. Bressler and the Penn school, June 22.24, at Gettys- overseers, lecturers and chair ly short period during the year ciation has been set for October State staff are continuing to burg, according to A. Wayne men of jumor, youth and wom- and this period doesn't always fit 14 at the Plain and Fancy Reswork toward development of a Readinger, master. of the liquid waste to a relative- Lancaster County Poultry Assowell with Cloisterdale's own taurant, Bird-in-Hand.

By eliminating the odor and cent level to further decrease the program will be on the Gettys- the 623 subordinate bodies greatly reducing the weight, burg, director of public rela-Cloisterdale hopes eventually to tions, Agway, will present a Heading the four major divi- provide a much broader usage slide lecture on agriculture in will provide food service and sions of the school will be Miss of its manure, perhaps even Africa Mildred M Shultz, Somerset, making it a profitable commerstate lecturer, Mrs Ross Metz, cial fertilizer or ingredient in were made at the Association's

> women's activities, Mr and Mrs Instead of competing for time Farm and Home Center. Kenneth Schlegel, Fleetwood and space to unload a waste RD3, youth co-chairmen, and product, Cloisterdale hopes there Mrs. Alan Merkel, Kutztown will come a time when others ciation has sold all of it's 111,000 able product

> Regional Agency Manager for this is a realistic goal Even with Federation, promote egg con-

would soon have been destroyed leady has a demand from his Experience has shown, for in- by rot, Bowser said The firm residential customers He en-

how to do the job right

The Long Island group is only system involving mixture of one of many to show deep in-Since removal of moisture is water with the waste and ie- telest in the Biessler Cloisterdale system While the local But the liquid system didn't operation is one of the most ada more even drying can be solve any problems and it creat-vanced using the new drying achieved by placing fewer fan; ed some Addition of water to concept, similar research is reat the rear of the building and the waste, for instance, greatly poited underway in many other

> There's growing conviction that the new drying system will be the biggest bleakthrough im about the environment and more the poultry industry since Marek's vaccine.

Many within the poultry industry consider the waste problem as by far the industry's most critical problem. And the A particularly critical problem teeling is growing that the Bresslei-Cloisterdale system will

### **Poultrymen Set** Annual Meeting

The annual meeting of the

Enos Heisey, Agway, Harris-

Plans for the annual event regular meeting Monday at the

It was reported that the Assowill compete to obtain a desii- placemats to local restaurants. The placemats, in cooperation Kerber of Long Island thinks with the Pennsylvania Poultry

### Second, the system reduces the weight considerably by eliminate Grange Leadership School Slated

system for further daying the For the fifth consecutive year, sent nearly all of the 57 Pomona needs manure to the eight to ten per the three-day in-service training granges and more than half of duct feasible for commercial mitories and dining commons

#### See Editorial Page

Editor's Note See editorials, Max Smith column and Rev. Lawrence W. Althouse column on Page 20.

This page, which we call the editorial page, has been permanently moved to the fourth page of Section Two. While it has a new location, the page itself is the same as

It's easy to find It's in the same location as before, except it's in Section Two instead of Section One.

The change also allows some of our markets, particularly the poultry markets, to be carried on page four Markets now are on pages two, three and four.

Key personnel from the 60,000- Readinger said discussion and tion reduces moisture to about membership Pennsylvania State workshop programs will focus 30 per cent. This in turn great- Grange will be enrolled from or techniques aimed at developvolume of waste to be handled. in the 48th Grange leadership ing will be directed to masters,

> Allensville, state chairman of existing feitilizers. RD3, junior chairman

O Walker Shannon, Aliquippa, the National Grange Mutual In- his present product, which isn't sumption. surance Company, past state lecturer and past state overseer, will be keynote speaker at the opening session Dr Frank B Williams, dean of students, will give a welcome address for the College.

Guest speakers will include Di William M Smith Jr, from the Pennsylvania State University, and L S Willson, liaison manager for the Dupont Company Wilmington, Del Willson will address the school banquet June 23 Readinger will preside



# Masonic Homes, Conebella Ayrshires Honored

Keiber has attempted a sys-ceived recognition for outstand-butterfat in 305 days tem similar to the Cloisterdale ing achievement at the 96th A Masonic Homes' older ma- conformation. Some 48 breeders was awarded system, but he made the trip national Ayrshije meeting and tion was recognized for her life- qualified for this honor in 1970 here because it wasn't working banquet in Louisville, Kentucky, time milk production achieverecently

The visitors touled the three awarded for outstanding milk

system was further discussed Homes' 86 cows averaged 12,288 tion of heids in which the owner 151,062 pounds of milk and 6,915 Lancaster.

1970 She was Mt Harmon Pre-Masonic Homes Farm of Eliz-abethtown received one of 12 pounds of 45 per cent milk

ment of 100,000 pounds during schedule for 305 days, Gable's exhibited by Gable was Junior schedule for 305 days, Gable's Champion at the Kentucky abethtown received one of 12 pounds of 45 per cent milk awarded for outstanding milk such as the selection of 12 pounds of 45 per cent milk awarded for outstanding milk such as the classification score where the contribution of the contribution of the classification score where cows made an annual production special certificate was presented type classification score average National Ayrshire Sale to Paul

Elsewhere at the annual One of Gable's older cows was meeting, Charles H Gable, own- recognized for her lifetime milk R C Sue is sired by Conebella plained in detail and questions Having the second highest er of Conebella Farm, Elverson, production achievement of 150 - Ruth's Commander, a bull bred were answered by Ed Bowser, milk production for Ayrshire eained his thirteenth Constitute 000 pounds. During 1970, Cone- by the Gables and in service at production manager Later, the herds of 75 to 100 cows, Masonic tive Breeder Award in recogni- bella Champion 2nd reached Atlantic Breeders Cooperative at

Two area Ayrshire faims re- pounds of milk at 4 per cent excels in breeding for both milk pounds of butterfat for a 46 per production and superior body cent test. A special certificate

> Conebella R C Sue, a junior On a strict twice-a-day milking yearling heifer owned and Champion at the Kentucky

> > & Iva Hebbe of Fort Atkinson, Wisconsin for \$775