

## Broilers teach college students it ain't easy growing birds for profit

NEWARK, Del. — The University of Delaware's new teaching broiler house here got its first use this Spring as members of the honorary fraternity, Alpha Zeta, raised 1000 chickens in it for a fund-raising project to benefit the College of Agricultural Sciences.

The students involved came away from their first venture into commercial type broiler production with a healthy respect for any chicken farmer who manages to stay in business on a profit margin of one cent or less per bird.

In spite of a lot of hard work, good management and generous industry support, they barely broke even, reports Paul Meckley, one of their faculty advisors.

He says profits were down largely because of disease problems of the sort common in new broiler houses. These were anticipated.

In fact, there's even a term used to describe this kind of production set-back — "new house syndrome."

Actually, because of the problems they encountered, the pledges probably learned a lot more than they would have under normal conditions, notes Meckley.

When sick birds were removed from the flock, students took part in the necropsies. This way they could see just what conditions like air sac and Gumboro disease do to an animal.

Other than the expected disease outbreak, Meckley and poultry farm supervisor Bob Alphin, Jr., say the students did a great job



Ag engineering student Eric Tschantre measures relative humidity in U of D's new teaching broiler house as part of special problem aimed at helping reduce ammonia build-up during poultry production.

managing their flock.

Between 15-20 pledges (most of them sophomores) worked with the birds under close supervision of senior AZ member Eric Tschantre. Chicks were placed in the house March 3.

Pledges were required to check twice a day to be sure automatic feeding and watering equipment was operating properly, and to monitor birds' general condition

(Turn to Page C25)

### WHITE WASHING

with Lime, The Natural Disinfectant  
Also Offering  
High Pressure Air Cleaning  
Serving Eastern Pa. & New Jersey

**ROBERT WENNER**

Box 224, Point Pleasant, PA 18950  
215-297-5203

# Standing Foursquare

*"That tower of strength which stood four square  
to all the winds that blew"*

Tennyson



## Foursquare Fund

An Eaton & Howard Vance Sanders Fund

Here's an investment that stands foursquare for your moral and ethical convictions. Foursquare seeks growth of capital and income through high quality common stocks without investing in alcohol, tobacco and drug issues.

**There is no charge to buy or sell shares.** Call Mrs. Krivsky 1-800-225-6265. In Massachusetts collect 617-482-8260.

For more complete information including management fees and other charges and expenses, mail coupon or call toll free for Prospectus. Read it carefully before you invest or send money.

Foursquare Fund 21 Federal Street Boston, MA 02110

LF 2

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

The best in fun at the 26th annual

KEMPTON COUNTRY FAIR

Friday to Sunday June 20 - 21 - 22  
**TRACTOR PULLING CONTEST**

Friday, 6:30 • Moderate and Super Stock  
Class B Pull

Saturday, 1 to 4 p.m. • Farm Tractor Class  
(Lehigh and Berks Co. only)

6:30 • Farm Sanctioned Class

plus . . .

Friday • **BIG AL DOWNING** • Dutch  
Queen Casual and Costume Fashion  
Show

Saturday • **RONNIE SMITH** • Baking  
Contest • Northwesterners • Jeep  
Rodeo • Children's Day Magic Show  
• Queen Production and Evening Gown  
Contest

Sunday • **BILLY WALKER**

• Fireman's Water Hose Com-  
petition • Jeep Rodeo • Penn-  
sylvania Dutch Queen Finals

Midway • 100 Exhibitors

• Bingo • Great Food • FREE  
ENTERTAINMENT rain or shine

ADMISSION: Only \$2.50 per  
carload per day

**KEMPTON COMMUNITY  
CENTER**

Located in Kempton, five miles north  
of Rt. 22 on Rt. 737 or Rt. 143  
Phone (215) 756-6444



## PASTURE NUTRIENT BALANCER

As you know good pasture provides an excellent source of protein during the spring and summer months. In fact, lush green pasture may be as rich in protein, on a dry basis, as corn gluten feed or brewers' dried grain. Occasionally, some persons become so enthusiastic about the nutritive merits of pasture that they conclude it is fully the equivalent of a protein-rich concentrate. This is a considerable exaggeration.

In two important respects the best of pasture differs decidedly from a high-grade concentrate ration. This is in the percentage of fiber (fiber is undigestible and has no feed value) and consequently in the TDN or net energy. Lush pasture will usually contain 18 to 20 percent fiber compared to approximately two percent fiber in ground corn (when both are dried to the same dry matter content).<sup>1</sup> Since it is impossible to balance rations for grazing animals, energy, vitamins and minerals should always be made available. To insure that the animals nutrient requirements are met during these upcoming months, we recommend that you consider MOPRO 16% Liquid Protein fed free choice.

MOPRO 16% Liquid Protein is a High Energy Feed which has been specifically designed to economically carry more cattle per acre while increasing gains on pasture without grain. Our stable guaranteed vitamin and mineral package has proven helpful in the prevention of pinkeye, thrush, and ringworm while improving general herd health and conception rates. Good pasture along with MOPRO 16% Liquid Protein supplies the most economical feeding program for grazing animals during the growing season.

<sup>1</sup> Feeds & Feeding 9th Morrison p165

Manufactured By

**FURMAN E. HENDRIX, INC.**

MANUFACTURERS OF  
MOPRO &  
AGSTAR  
LIQUID  
FEEDS



DISTRIBUTORS OF  
REFINERS  
CANE  
MOLASSES  
C.M.S.

WHITE HALL, MD. 21161

301-343-0343

OVER 47 YEARS EXPERIENCE IN FEED LIQUIDS

DISTRIBUTED BY:

AGRONOMY, INC.  
Mercersburg, Pa  
717-328-3145

WHITMOYER LIQUID  
FEEDS

Myerstown, Pa  
717-866-2476

ORANGE MADISON  
CO-OP

Orange, Va  
703-672-2977

CULPEPPER CO-OP  
Culpepper, Va  
703-825-2200

MIDWAY FEEDS  
Bridgewater, Va  
703-828-2196

JAMES ADAMS  
Pocomoke City, Md  
301-957-0476

FARM & HOME  
CENTER  
Sykesville, Md  
301-489-4133

PENNFIELD CORP.  
Lancaster, Pa  
717-299-2561

PLATTENS CUSTOM  
SERVICE  
Stafford, N Y  
716-343-5960

PEOPLES SUPPLY  
Charlestown, W Va  
304-725-8454

THARPE & GREEN  
Churchville, Md  
301-734-7772

IRVIN ZIMMERMAN  
Fleetwood, Pa.  
215-944-9124