

Lime And Fertilizer Conference To Feature Plant & Animal Health

Plant and animal health relationships will be featured in a symposium during the annual Lime and Fertilizer Conference

to be held January 28 to 30 at The Pennsylvania State University, as announced today. All meetings will be held in the Keller Conference Center.

Scheduled for Thursday morning, Jan. 29, the symposium will cover soil tests, soil

plant mineral relationships, forage tests, and livestock relationships. Featured will be College faculty members S. B. Guss, W. W. Hmish, D. E. Baker, R. S. Adams, L. A. Bundeite, and D. R. Kradel. The problem from a livestock farmer's viewpoint will be discussed by David Zacherl of Clarion County.

Research findings will highlight the afternoon program

January 29 "Cropland as a Living Filter of Nutrients" will be discussed by L. T. Kardos. "Air Pollution and Agriculture" will be the topic of F. A. Wood. "Atrazine in Soil and Runoff Water" will be presented by J. K. Hall. "Some New Approaches to Insect Control" will feature W. G. Yendol.

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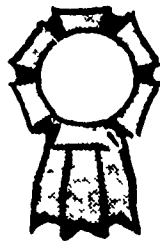
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Attendees will be welcomed to the campus with opening remarks at 1:30 pm January 28 by Dr. R. E. Larson, Dean of the College of Agriculture. Home and garden engineering will be the topic of J. F. Kirby, area manager of the Dale Carnegie courses.

Home and garden lime and fertilizer problems will be discussed January 28 by Joseph Leonard, garden center operator from Erie. M. R. Heddleson will speak on magnesium and Penn State's soil testing service. The annual business meeting of the Pennsylvania Plant Food Educational Society, Inc., will conclude the afternoon program with president John Hoffman of Quarryville in charge.

Final events of Friday morning, January 30, open with A. J. Wenner of the Lebanon Chemical Corp. speaking on "The Plight of the Spreader." Fertilizer equipment and safety will be the topic of B. F. Day of the Agricultural Nitrogen Institute. Murry McJunkin of the Agricultural Chemicals division of U. S. Steel will describe company safety programs.

The annual banquet January 29 will feature "Flights of Apollo" by Richard J. Allenby, assistant director of lunar science for the Office of Space Flight, NASA. Toastmaster will be H. R. Foitmann, regional coordinator of the Northeastern Association of Agricultural Experiment Stations.

General chairman is J. H. McGahan of Penn State Group chairman from industry are William Mohn of Agway and Harold Jones of the J. E. Baker Company. Group chairman from Penn State are J. L. Sterling and D. E. Walker.

Sire Stud To Offer Analysis Program

Effective January 1, 1970, SIRE POWER, Inc., will offer a Herd Analysis Program to be operated on a fee basis. As a result, dairymen within the NE-BA, Maryland A B C, and West Virginia A B C areas may call on SIRE POWER personnel to develop a "Balanced Breeding Program" for their herd.

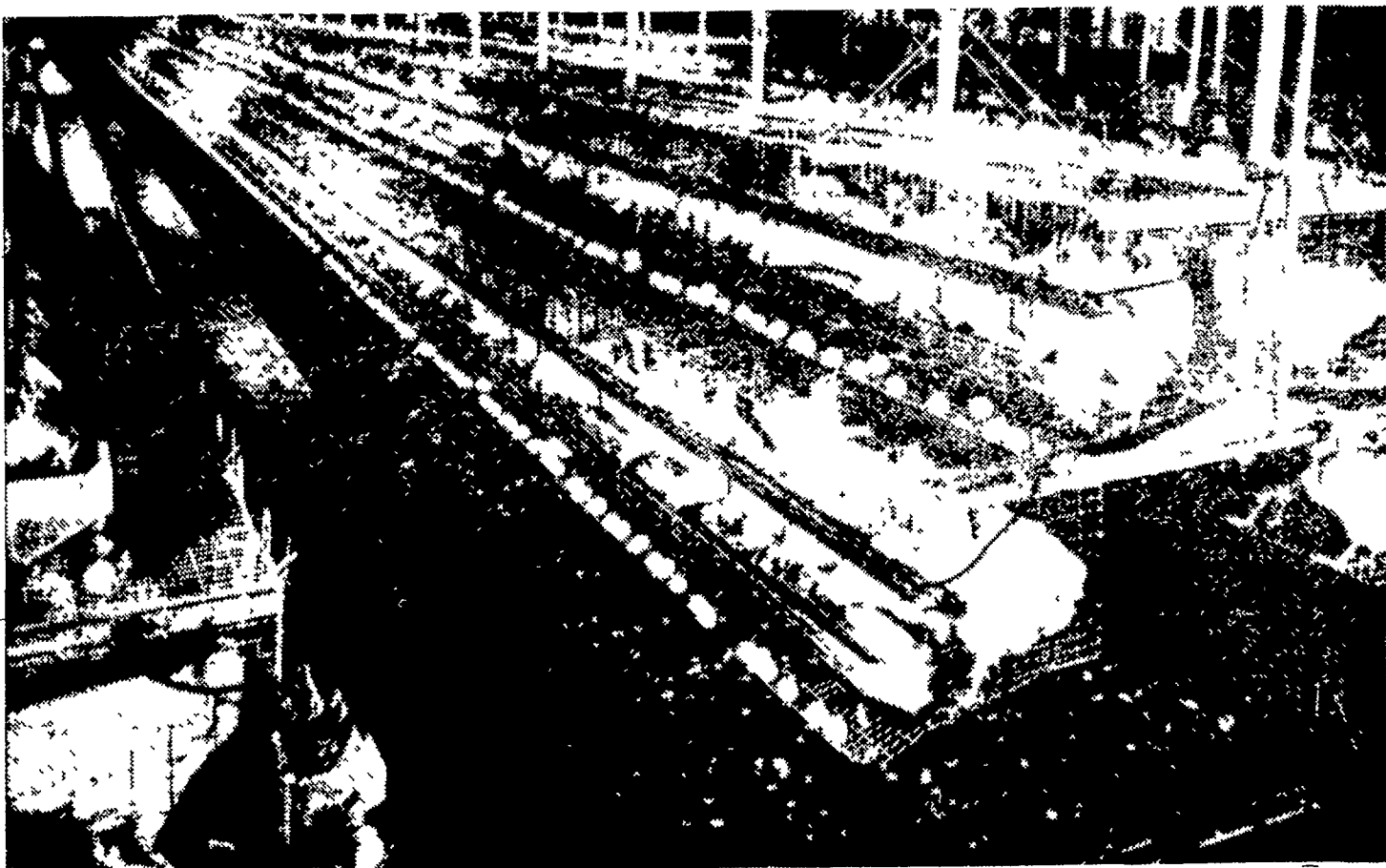
Through this program, SIRE POWER will (1) Evaluate a total herd, its strengths and weaknesses, (2) Evaluate each cow on the same basis, and (3) Recommend specific sires for each cow to correct these weaknesses. All recommendations will be based on a knowledge of which sires offer the greatest potential for the improvement of production, type (physical traits), and longevity.

Cows will be evaluated for the eight traits that are deemed most important to dairymen who make a living producing milk. In general, three ratings are made for each cow for each of the eight characteristics. They are (1) desirable, preferred, and better than average, (2) average, medium, or typical of the breed, and (3) undesirable, faulty, or below breed average.

The eight characteristics evaluated are 1 Stature, 2 Strength, 3 Fore Udder, 4 Rear Udder, 5 Teat Size and Placement, 6 Pelvic Area, 7 Hind Legs, and 8 Feet.

Many hours have been spent in developing this program. Studies have been made of the performance of each Sire Power Sire. As a result, evaluators will be able to leave with the member a specially prepared folder that will show the individual cow evaluation, the bull recommended, and the data on all bulls recommended for use in the herd.

The SIRE POWER Herd Analysis Program will be operated by Richard Chichester, Sire Programs Manager, and Stanley H. Wilggin, Sire Analyst.



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