

Jersey Club develops computerized mating program

COLUMBUS, OHIO — Effective January, 1986, Jersey breeders across the country have access to a unique computerized mating program developed and provided by The American Jersey Cattle Club (AJCC).

Jersey breeders now have a program available to help them make maximum genetic progress, while conserving much of their own time. The Jersey Mating Program (JMP) is a breakthrough in the science of selective dairy cattle breeding, with several unique features.

Selected matings are made with the goal of maximizing net income per day of production life for the entire Jersey herd. Exhaustive scientific research has been used

to establish values for the various traits considered in the matings.

The program makes use of each sire's Predicted Difference for all production and type traits, as well as each cow's Cow Index for these same traits. Extensive scientific research has shown that by using these genetic evaluations, the average performance of groups of offspring will be most accurately predicted.

JMP also takes into account the reduction of milk, fat and protein yield due to the effects of inbreeding. The program considers the 30 nearest ancestors to determine the level of inbreeding.

In helping Jersey breeders to select which bulls may be used in their herds, JMP considers all

active AI bulls or any non-AI bulls the breeder may want to use. Selection is not limited to any one specific bull stud.

For use in determining which active AI sires to select, the MAXBULL program, developed by Virginia Cooperative Extension, has been made available through a cooperative agreement.

Proven sires are selected based on criteria established by each breeder, including the milk market, semen price and specific type traits.

Herds enrolled on the AJCC's Total Performance Evaluation (TPE) program can have their cows mated with JMP for just \$1.00 per cow. Herds enrolled on the

Special Type Evaluation Program (STEP) and herds on DHIR test can mate their cows with JMP for just \$1.25 per cow. All other herds must pay \$2.00 per cow. All herds must pay a \$15.00 herd fee.

For additional information about this program, contact The American Jersey Cattle Club, Columbus, OH 43227-0310, (614) 861-3636.

Food sanitarians slate meeting

AMES, IA — The 73rd Annual Meeting of the International Association of Milk, Food and Environmental Sanitarians Inc., is scheduled for August 3-7, 1986 at the Radisson South, Minneapolis, MN.

The April issue of both IAMFES journals, DAIRY AND FOOD

SANITATION and the JOURNAL OF FOOD PROTECTION will include the entire program. Some of the topics and speakers include

- A Salmonella Symposium.
- Panel Discussion on the "Action Taken By Industry, State and Federal Agencies in a Food

Safety Situation."

• Biotechnology-Implications for the Dairy Industry, speaker Dr. Sue Harlander.

• FDA's New Milk & Dairy Initiatives, Jerry Kozak, presenter.

• EPA/Industrial Wastewater
• High Quality Water System Sanitation

THE FARMERS' ENQUIRY GIANT CORN HYBRIDS OVERRUN PENNSYLVANIA

AMAZING FINDING

Farmers Demand Explanation From Cargill Dealers.

"I WORE OUT 3 COMBINES IN ONE SEASON!"



DEAN DIXON Predicts

Cargill Yields For Next Year.

NEXT MONTH: THE STORAGE CRISIS



We can't believe it either.

Whenever you find hybrids that yield as well as Cargill 842, 889, 937, 967 and 980, someone is bound to exaggerate. In state yield trials across Pennsylvania, Cargill seeds claimed three first, one second and four of the third highest producers among leading seed brands. Complete results can be obtained from your state testing agency.

See your Cargill dealer for big cash savings during Seed Week,™ February 24-28, 1986. He's got the hybrid that's right for you. No brag, just fact.



Alexandria PA
Gordon M. Isenberg
811 669 9323

Annaville PA
Lee R. Hiltz
717 867 1266

Atglen PA
Brown & Rea
215 593 5119

Carlisle PA
Francis R. Mains
717 776 5672

Chambersburg PA
Clifford Hawbaker
717 263 9577

Elizabethtown PA
James A. Kuiper
717 367 5723

Elverson PA
Fred H. Mast
215 286 9053

Galsboma PA
Frank Salvatore & Sons
612 113 3521

Hanover PA
Tidewater Agri. Inc.
Ken Collins
717 637 8939

Lancaster PA
Henry F. Barley
717 872 5562

Lewisburg PA
Paul A. Eisenhauer
717 521-2152

Manheim PA
M. Lamar Miller
717 653 1251

Mt Pleasant PA
William W. Butternor
612 696 3216

Pipersville PA
Roy Shull
215 297 5038

Schnecksville PA
Tim Lichtenwalner
215-799-0861

Scottsdale PA
Donald C. Fretts
612 887 1908

Shippensburg PA
Samuel W. Musser Jr.
717 264-1878

Spring City PA
Chester H. Soltyz, Jr.
215-918 3647

State College PA
Slab Cabin Farm
Samuel R. Everhart
811 234-2297

Thompsontown PA
Agronomy Center
Dick Bucher
717 535 5151

Irout Run PA
Eugene H. Sellers
717-998 2260

Williamsburg PA
Frederick I. England
811 812 2776

Waynesboro PA
Ivan R. Stoner
717 762 0447

Rising Sun, MD
C. W. Brown 301 658 5520
Mark Mur 301 378 3616

Cargill Territory Manager
Doug Elliott—Lancaster PA
717 560-0777

1985 Pennsylvania State Yield Results

Zone 1—Early

	Yield	% Moisture
Cargill 967*	127	28.9
Cargill 842	123	27.4
Cargill 889	122	28.5

*Highest yield in plot 17 Bu/A above average of 42 entries

Zone 2—Early Medium

	Yield	% Moisture
Cargill 889*	151	24.5
Cargill 874**	142	24.6

*Third highest yield in plot, 14 Bu/A above average of 42 entries

**Tenth highest yield in plot

Zone 2—Early Medium, Screening

	Yield	% Moisture
Cargill 842	134	19.5

Highest yield in plot 12 Bu/A above average of 51 entries

Zone 3—Late Medium

	Yield	% Moisture
Cargill 937	164	26.4

Third highest yield of 42 entries

Zone 4—Long Season Hybrids

	Yield	% Moisture
Cargill 967	170.7	23.8

Highest yield in plot 14 Bu/A above average of 31 entries

Cargill warrants that the seeds conform to the descriptive statements on the seed tag, within the specified tolerances. THIS EXPRESS WARRANTY EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CARGILL'S LIABILITY ON THIS WARRANTY IS LIMITED IN AMOUNT TO THE PURCHASE PRICE OF THE SEED. Cargill Seeds, PO Box 5645, Minneapolis, MN 55440.