

Holstein Association Signs Research Agreement With USDA

Dairy sire appraisal for breeding value has taken a forward step with the signing of a cooperative agreement between Holstein-Friesian Association of America and the United States Department of Agriculture. The program concerns the use of DHIA production information in dairy sire evaluation for production.

The new agreement results from nearly four years of study and development work by the Holstein Association. Recent negotiations between management and Agricultural Research Service of USDA brought about unification of sire evaluation methods and emphasized the future importance of production testing programs.

In January, 1968, the Association will phase out its daughter-dam program of sire proving and adopt a daughter-herd-mate formula that is generally recognized to be a more useful expression of breeding value under present conditions. Holstein Association sire proofs have used basic daughter-dam comparisons since the 1930's.

New approaches reflect the advance of research in breeding, computer handling of production data and better systems of gathering DHIA testing re-

sults from all parts of the country.

Simply stated, USDA will continue to gather Dairy Herd Improvement Association production figures from all states, as it has in recent years. The records of Holstein cows will be screened and assembled at the Beltsville, Maryland, research facility. Three times during the year, USDA will furnish the Association with magnetic tape files containing sire evaluations for production which include predicted differences for daughters based on a daughter-herd-mate formula. This information is now published annually by USDA.

Announcement of the forthcoming program for Holstein sire evaluation was made to Registered Holstein breeders at their recent 82nd annual convention at Minneapolis by Dr. Harold Schmidt, chairman of the Holstein Rules Committee.

This was the second major change in breed improvement programs within a year. The first was descriptive type classification; a greatly improved conformation scoring program that went into effect last January.

The expanded program for Holstein sire evaluation gives dairy breeders modernized herd

Society No. 14 Sees Slides Of Holy Lands

Farm Women's Society No. 14 met Wednesday, September 13, at the home of Mrs. Paul Longenecker, Strasburg R1, with 28 members present. Hostesses were Mrs. Longenecker, Mrs. Harold Byers, Mrs. Alvin Hess Jr., and Mrs. Leon Thomas.

Mrs. Longenecker had charge of the devotions and Mrs. Charles Leaman read a letter from the Korean War Orphan and reported that his Christmas package is on its way. Contributions of \$10 each were given to the United Campaign and the Citizens Scholarship Foundation of Lancaster County.

Mrs. Hiram Graybill of Lititz showed slides of her recent trip to the Holy Lands, Egypt, and five European countries.

The next meeting will be held on October 12 at the home of Mrs. F. Edwin Rohrer, Paradise R1. The annual food and plant sale and election of officers will be held.

ROTATE FLOWER BEDS

The fungi, bacteria and nematodes that cause many plant diseases overwinter in the soil, says Carlton F. Taylor, extension plant pathologist at Penn State University. In next year's garden he suggests planting species in areas other than those where the diseases were serious this year.

improvement tools for both production and type.

Computer programming involved in the new information exchange program will be paid for by the Holstein Association and the data used will continue to be identified with its USDA source. Only standard DHIA production records will be used in the sire evaluations.

By tying the Holstein Association's sire proving program for production into the revised USDA sire summary to give a single sire proving system, dairy farmers will benefit from the information produced. Both agencies have emphasized the greater uniformity of cattle records, broader sources of information and modern statistical methods as chief reasons.

Chicago

(Continued from Page 2)

a three load shipment at the latter price on Wednesday, High Choice and Prime 1150-1400 lbs. 28.00-28.75, Choice 1150-1400 lbs. Yield Grade 2 to 4 27.25-28.25, Choice 900-1150 lbs. 26.50-27.75, Mixed Good and Choice 26.00-27.25, Good 25.00-26.00, Standard and Low Good 23.50-25.25.

SLAUGHTER HEIFERS — High Choice and Prime 900-1025 lbs. 26.50-27.25, load Prime 1140 lbs. Yield Grade 3 at 27.50 on Monday. Choice 850-1000 lbs. Yield Grade 2 to 4 25.50-26.75, Choice 775-850 lbs 25.00-26.00, Mixed Good and Choice 750-900 lbs. 24.50-25.50, Good 23.50-25.00, Standard and Low Good 22.00-23.50.

COWS — Late sales Utility and Commercial 16 00-17.50, High Yielding 17.50-18.25, Canner and Cutter 15 00-16.50.

BULLS — Utility and Commercial late 20.00-23.00.

Poultry consumed per capita in 1967 is expected to exceed the record 43.8 pounds set in 1966 by 2-3 pounds, say OSU Extension economists.

Local Breeders Added To National List

The Holstein-Friesian Association of America in Brattleboro, Vermont announced 435 new members were added to their association in recent months. Local breeders listed are as follows:

Arlin L. Balmer, Mount Joy; Christ R. Beiler, Gap; M. Eugene Ball, Manheim; Ivan Bowman Jr., Ronks; Ivan S. and Elva Brubaker, Narvon; Raymond M. Brubaker, Washington Boro; E. Richard Bruckhart, Manheim; James S. Dombach, Lancaster.

John A. Harsh, Kinzers; Daniel N. Hoover, Leola; Raymond M. and Jean Hoover, Gap; C. Richard Landis, Parksburg; David L. Landis, Lancaster; Raymond P. Landis, Quarryville; Fred W. Martin, Lancaster; Aaron H. Nolt Jr., Leola.

W. Robert Shellenberger, Manheim; Kenneth A. Skiles, Narvon; John M. Smucker, Gap; David E. Stoltzfus, Honey Brook; Leroy M. Stoltzfus, Gap; Stephen J. Stoltzfus, Gordonville; P. Robert Wenger, Quarryville and Marvin K. Witmer, Lititz; and Christian Zook, Kinzer.

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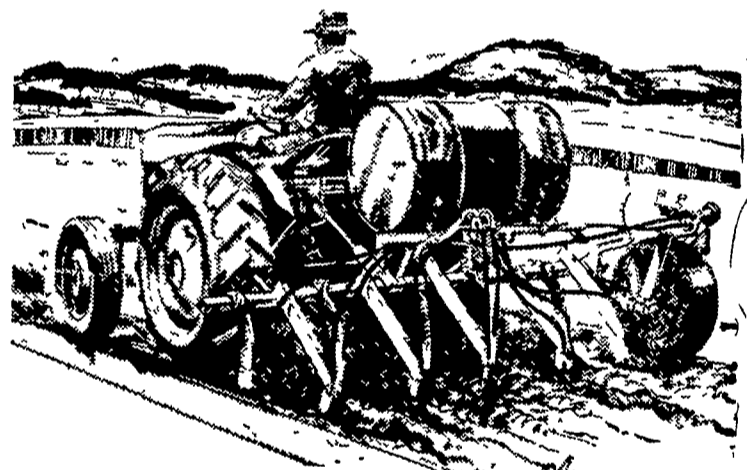
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