

● **4-H Beef Show**

(Continued from Page 9)
ville R1, 7, Paul Holcomb III, Chester; 8, Sterling Fabian, Northampton; 9, Janice Hosler, Manheim R4; 10, Carl Guthridge, Marietta R1.

HEREFORD

Lightweight — 1, William Houser, Lampeter; 2, Mary Jane Herr, Refton; 3, Kathy Weaver Quarryville R2; 4, Jav Wivell, Columbia R1; 5, Karen Noblit, Dauphin; 6, Geraldine Brandt, Dauphin; 7, Sandy Noll, 240 Centerville Rd; 8, Barbara Watts, Dauphin, 9, Terry Canaan, Dauphin.

Mediumweight — 1, Michael Longenecker, Lititz R2; 2, Tom Houser, Lampeter; 3, Ronald Denlinger, Lancaster R3, 4, Michael Hosler, Manheim R3, 5, Ernest Shoop, Dauphin, 6, Martin Greenleaf Jr., Oxford R1; 7, Larry Landis, Quarryville R1; 8, Laura Landenslager, Dauphin; 9, Bertha Boose, 2258 Old Philadelphia Pk; 10, Jeanette Noblit, Dauphin.

Light-heavyweight — 1, Fred Linton Jr., Quarryville R2 (champion Hereford); 2, Jav Kauffman, Lancaster R1; 3, Francis Dickey, Dauphin; 4, Glenda Haverstick, Willow Street R2; 5, Frieda Landis, Strasburg R1; 6, Douglass Hancock Dauphin; 7, Christ

Roy Leese Jr., Marietta R1; 8, Donald Swinehart, Quarryville; 9, Faye Brubaker, Mount Joy R1; 10, Sally Sweigard, Dauphin.

Heavyweight — 1, Nancy Frey, Marietta R1 (reserve champion Hereford); 2, Dorothy Groff, Lancaster R7; 3, Engene Bollinger, Denver R2; 4, John Lefever, Manheim R4; 5, Jay Bixler, Marietta R1; 6, Jimmy Noll, 240 Centerville Rd; 7, Lee Bixler, Marietta R1, 8, Kathleen Ney, Marietta R1; 9, James Gates, Dauphin; 10, Joetta Tobias, Dauphin.

SHORTHORN

1, David Denlinger, 2351 Horseshoe Rd. (champion Shorthorn); 2, Robert L. Walton, Peach Bottom (reserve champion Shorthorn).

COUNTY TRIOS

1, Chester County; 2, Lancaster (Angus: John J. Good, Carl Weaver and Linda Denlinger); 3, Northampton.

SHOWMANSHIP

Sweepstakes — 1, Mary Jane Herr; 2, Darwin Boyd; 3, Nancy Frey; 4, Judy Ranck, Quarryville R2; 5, David Denlinger

Angus — 1, Judy Ranck; 2, Ronald Mentzer; 3, Sterling Fabian; 4, Linda Denlinger; 5, Robert Landis; 6, Charles Savitske Jr. 7, William Frey; 8, Donald Snyder.

— Hereford — 1, Nancy Frey; 2, Fred Linton Jr., 3, Ronald Denlinger; 4, Jay Bixler; 5, Douglass Hancock.

Shorthorn — 1, David Denlinger; 2, Robert Walton.

● **Corn Borers**

(Continued from Page 7)

He said insects introduced as parasites to war on the borers also were having some effect. He identified these parasites as a fly (*Lydella grisescens*) and a bee like insect (*Macrocentrus gifuensis*). Of 1,187 borers forwarded in 1961 to the U.S. Department of Agriculture's Corn Borer Investigation Laboratory at Ankeny, Iowa, 13.6 per cent were found to be parasitized.

George B. Slesman, bureau entomologist who directed the borer survey in 50 counties, said farmers can help to keep down borer infestation and crop losses by planting hybrids that are resistant to borer damage, and by adopting recommended management practices. Among these practices he listed. Clean plowing (turning under of all corn stalks) in fall or early spring before the moths emerge; destroying corn stubble in the field with a rotary chopper or other machine, and by shelling crib corn in the spring to destroy borers in cobs. Mechanical pickers destroy many larvae but enough borers survive to reinfest the new crop.

Slesman said insecticides are giving effective borer control in commercial sweet corn, but that their use on the larger field corn acreage is not practical. He added that borer damage to the 1962 corn crop, while not yet computed, is certain to show another costly farm loss despite the lower borer infestation. In 1961 borer damage on Pennsylvania farms was estimated at 1,448,000 bushels of corn for a loss of \$1,767,000.

Great revolutions are the work rather of principles than of bayonets, and are achieved first in the moral, and afterwards in the material sphere — Mazzini.

Tomato Grades Are Revised

A new concept in grading tomatoes for processing was announced today by the U.S. Department of Agriculture.

New standards were developed incorporating the use of a new tomato colorimeter recently developed by the Department's Agricultural Marketing Service. The photoelectric instrument will provide an exact measurement of the color of tomatoes — the most important factor in grading. USDA grade determinations are used by many tomato processors as a basis for making payments to growers. The new system will provide a more equitable basis for these payments. The proposed standards will not replace existing standards for tomatoes for processing.

Under the proposed standards, the inspection procedure will depend on two main factors: (1) objective color measurement through use of the photoelectric colorimeter, and (2) classification of defects by a trained inspector.

Color measurement is to be made on a composite raw juice sample by means of the USDA Tomato Colorimeter in terms of a tomato color index. In addition, fruit will be classified for defects into four categories — A, B, C, and Culls, depending on the amount of defects and decay present.

The inspector will calculate the percentage of the load that falls in each of these categories to arrive at the "Per-

cent Usable." These two factors of grade — color, and percent usable — are combined to give the grade for the load.

The proposed standards are scheduled for publication in the Nov. 1 Federal Register. To give the industry ample time to study and apply these standards during this coming season, a full crop season is being allowed for comments on the proposal.

The new standards are intended to supplement the two existing U.S. Standards Tomatoes for Canning, and Tomatoes for Manufacture of Strained Products.

I dislike arguments of any kind. They are always vulgar, and often convincing — Oscar Wilde.

It is not possible to found a lasting power upon injustice, perjury, and treachery.—Demosthenes.



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