

Date Set For International Livestock Show

CHICAGO, Prizes totaling more than \$130,000 were approved for the 1960 International Live Stock Exposition and Horse Show at a recent meeting here of the show directors.

Competition will be provided for 12 breeds of cattle, 10 breeds of sheep, 7 breeds of swine, and draft and pleasure horses. The latter will include riding and driving horses and ponies that will be starred in fast action contests at the 14 International Horse Shows that are scheduled for the 8 day run of the Exposition.

The 61st annual show will be held November 25 to December 3 in the International Amphitheatre and a large

area of the adjacent Chicago Stock Yards.

The five dairy breeds, in addition to Milking Short-horns—a dual-purpose breed—will be featured in the competitions the second successive year, the management reports. The expanded cattle show will crowd the Amphitheatre's main arena with judging activities from the first day to the last, according to show officials.

Steers and purebred beef animals will be judged the forepart of the Exposition, and the dairy breeds are scheduled the latter half of the show.

CONTROL SPITTLEBUGS

Size, quality, and yield of strawberries can be greatly improved by controlling spittlebugs early in the season, reminds John Pepper, Penn State extension entomologist.

Lawn Fertilizer Should Fit Need Say Researchers

Nitrogen fertilizer for lawns and parks, available commercially in three forms has been tested for 7 years by the Agricultural Experiment Station at The Pennsylvania State University.

These nitrogen fertilizers are grouped into ureaforms, natural organics, and soluble carriers, says Joseph M. Duich, in charge of turf-grass research at Penn State. The soluble carriers are the common form of bagged fertilizer, he adds.

Ureaforms gave the slowest rates of growth in Penn State experiments but grew grass the greatest length of time. Natural organics had the next longest growth period. With organics, quality and quantity of grass were influenced largely by factors such as temperature and rainfall.

Greatest total growth, within 4 to 6 weeks after application, was made with the common form of soluble carriers. After that time the growth fell off rapidly. Growth and quality of grass were not as good with soluble carriers as with natural organics and ureaform products.

With ureaform compounds Duich recommends at least 4 pounds of total nitrogen per 1000 square feet per season for adequate growth of Merion Kentucky bluegrass and mixed bentgrass. For creeping red fescue, rates of 2 to 4 pounds are adequate.

Lancaster Farming advertising brings results.

Soil Tests Show Fertilizer Needs



Nearly 25,000 soil samples were analyzed at the Pennsylvania State University Agricultural Experiment Station laboratory last year. Results, interpreted by Agricultural Extension specialists, are the most dependable guide to needs of crops for lime and fertilizer available to Pennsylvania farmers, gardeners and homeowners. About two-thirds of the samples were from fields, the remainder being from vegetable plots, lawns and miscellaneous areas. R. J. Thomas, chemist in charge of the Laboratory, is shown here conducting potassium determinations. Sampling kits are available for a nominal fee at County Agents' offices at all times.

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Regulations On 2,4-D Unaltered

In response to many questions raised about the status of 2, 4-D for the control of weeds, the U. S. Department of Agriculture today stated that there has been no withdrawals of its registrations for uses of this chemical.

2, 4-D has been widely used for the control of weeds for many years. Registrations given under provisions of the Federal Insecticide,

Fungicide, and Rodenticide Act for the use of 2, 4-D are supported by broad experience and research conducted by public and private institutions. The labels for registered products contain instructions and adequate precautions for use to protect the public.

USDA, in concert with other responsible agencies of State and Federal Governments, continues to recommend the use of agricultural chemicals in conformity with directions and precautions appearing on the labels of products registered for interstate commerce.

As in the case of other agricultural chemicals, studies are being continued on the use of 2, 4-D for the control of weeds in pastures, forage, and field crops. USDA is continuing research in cooperation with industry, State, and other public agencies to insure the maximum benefit and safe use of agricultural chemicals.

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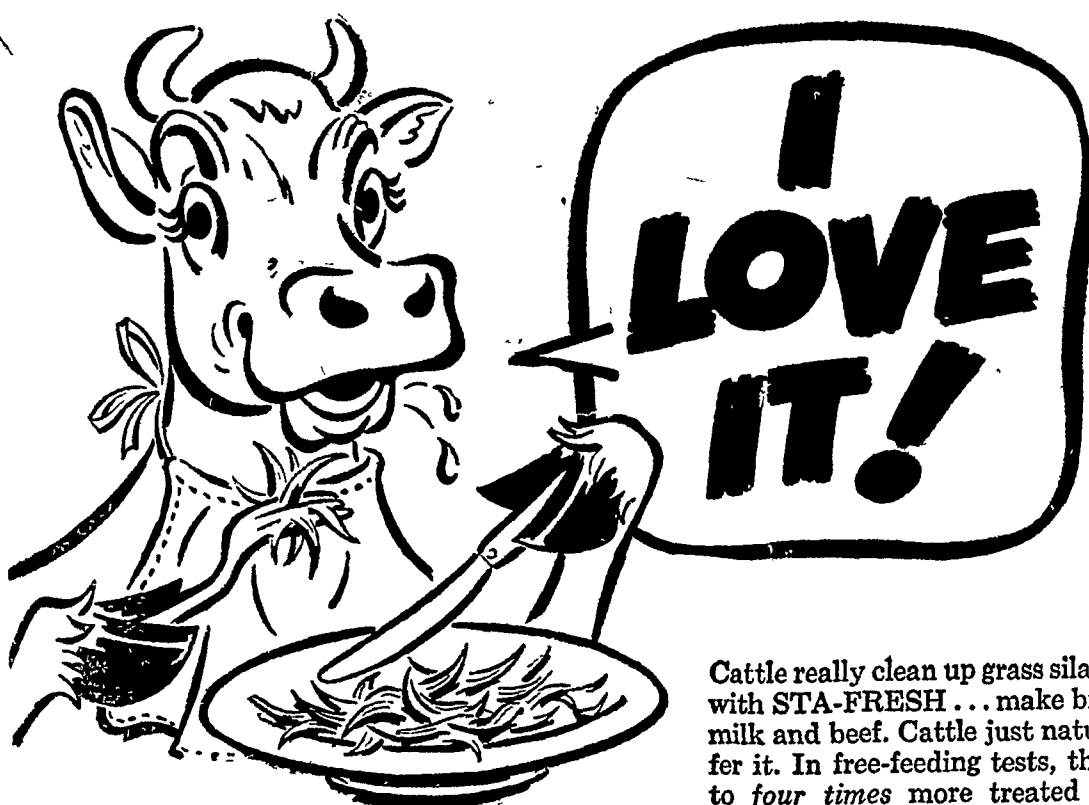
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