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Guernsey Cows Set High Record

Peterborough, N. H. — The second daughter of the registered Guernsey sire, Cesar Violetta's Pontiff, owned by Charles E. Sorenson, Farmington, Michigan, has completed an official Advanced Register record. She is four and one-half year old. Cesar Pontiff's Juliet, which produced 14564.9 pounds of milk and 653.6 pounds of butterfat. Besides this record this cow produced a healthy calf for her owner.

Cesar Violetta's Pontiff has six sons and daughters in the Performance Register of the American Guernsey Cattle Club.

This record was supervised by the Michigan State college and reported to The American Guernsey Cattle Club for approval and publication.

The first daughter of the registered Guernsey sire, Brookwood Reuben, owned by John Endicott, Bloomfield Hills, Michigan, has completed an official Advanced Register record. She is Brookwood Diamond which produced 12832.4 pounds of milk and 651.6 pounds of butterfat. Besides this record this cow produced a healthy calf for her owner.

This record was supervised by the Michigan State college and reported to The American Guernsey Cattle Club for approval and publication.

James McCully To Be Honored

James McCully, Farmington, will be presented with a special 4-H Club Leadership award at the summer achievements meeting of the Oakland County 4-H Clubs, to be held in Pontiac November 2.

McCully has led a 4-H Club for more than 15 years. Mr. McCully is an agriculture teacher at Boys Republic and is the leader of the 4-H livestock and crop clubs there. He will be presented with a gold clover leaf pin set with a pearl.

Mr. Woodrow Barrie, Pontiac, has led a handcraft club for 10 years. Mr. Barrie's last club was at Elmwood school. He will receive a gold clover leaf award pin.

The two special leadership awards will be presented through the courtesy of the New York Central Railroad to leaders for their long continuous service.

The delegates from every club in the county will gather at the Huron Theater at 10:30 a.m. to see a movie before going to the Donelson school on West Huron for a pot luck lunch and a ceremony which will end with the awarding of pins and certificates earned in the summer 4-H Club program.

The Pontiac Kiwanis Club will provide dessert for the group in recognition of the work done by 4-H Club boys and girls.

About 350 boys and girls are expected to attend the achievement day events.

APPLE JUICE NOW BIG BUSINESS DUE TO RESEARCH

"We are sorry, but we are not making ether this year."

That's the way your inquiry about ether is being answered at Michigan State college this fall. Dr. H. E. Tukey, head of the horticulture department, explains that behind that statement lies a story of success which centers around Dr. R. E. Marshall of the department. He is recognized as one of the nation's authorities in fruit processing and handling.

"To go back a few years," says Dr. Tukey, "ether was just ether. It was made from poor grades of apples of inferior and questionable quality."

But we all know it is difficult for an apple grower to produce only large, highly colored apples. There are certain to be some apples which are sound, but which are lacking in that bright color and good size which helps them to sell on the market. What should be done with them? Should we throw them away?

Dr. Marshall envisioned a superior and standardized product made from these good apples, and he chose to call it "apple juice" rather than ether. Each year he worked in the laboratory in the horticulture building studying the best process. He tried different varieties and different grades of apples. He tried various methods of processing, filtering and clarifying.

But the proof of the pudding is in the eating. No matter how fine the apple juice looked or tasted to Dr. Marshall, he preferred to rely on the reaction of the consuming public. Different batches and processes were offered to the consumer and the reaction and acceptance was noted. Those were the days when students and faculty and East Lansing people were able to buy apple juice at the college. They were being used as human guinea pigs.

Out of it all came the establishment of a process for making apple juice which now uses more than one-half million bushels of sound but small, poorly-colored, or slightly blemished Michigan apples. Other states played an important part. In fact, the process has been so successful that the national apple juice pack reached nearly three million cases in 1944. That used more than 2,500,000 bushels of apples. In short, apple juice is big business.

"Now that the apple juice industry is established, the college, as is its policy, has withdrawn from the possibility of competing with private industry and has turned to other lines of research and development," continues Dr. Tukey. "So if you look into the laboratory of the horticulture building at Michigan State college these days, in place of apple juice you will see fruits and vegetables under tests in various transparent wraps and in small consumer packages. If these studies prove as effective as Dr. Marshall's work with apple juice has been, they may expect in turn to give way to other lines of research as "science marches on."

Livestock Feed

Soybean oilmeal now constitutes 58 per cent of all oilmeal fed to livestock in the United States.

Michigan Bone Law Shows Results in Year

A recently completed summary of the results of one year's operation under the new Bone Law, which became effective September 6, 1945, shows some very interesting progress in this work.

Increases in the number of blood samples tested during the first year of the Bone Law was in effect as compared to the number of tests made the preceding year is rather startling, says Charles E. Fry, Director of the State Department of Agriculture. "This law requires a negative test for all cattle sold or moved to associate with cattle of another herd but does not apply to cattle sold for immediate slaughter."

In the twelve months before the Bone Law became effective, September 1944 to August 1945, there were 250,353 blood samples tested. During the twelve months after the Law became effective, 454,109 blood samples were tested at the Lansing Laboratory and 1,079 samples at the Escanaba Branch Laboratory, making a total of 455,188 samples for the year.

With the greater number of samples to be processed each day it was necessary to increase the clerical staff which takes care of recording the results of the tests, typing the charts and mailing the report charts to the cattle owners. The original staff of 11 persons has been enlarged to 17 and reports now reach the farmers within 6 days after the blood sample has been drawn from the animal by a veterinarian.

County Dairymen To Hold Banquet

The annual Dairymen's Banquet will be held at the Waterford Community Hall on the evening of November 11, 1946.

Final plans for the affair are completed and it is expected that between 300 and 400 farmers and other interested people will attend. The program for the evening will include vocal selections by Ray Frank of Rochester; a reading by Walter Cook, Oakland County 4-HA chairman; remarks by Lawrence Johnson, Dairy Extension Specialist of Michigan State college; short talks by Karl D. Bailey, Oakland County Agricultural Agent on "The 1947 Dairy Outlook" and E. W. Alchin, Assistant County Agricultural agent on "Our Expanding Dairy Program".

The main speaker for the evening will be William Otto of the Lansing Chamber of Commerce, formerly of Pontiac.

Dinner will be served at 7:30.

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**Can you spot your state
... and how many more?**

This page is framed by all 48 states. They're accurate in outline but not in relative size.

Without peeking into Junior's geography book, find your own state first. Then see how many more you can identify. (Answers buried below.) Ten right means you're bright. Twenty makes you an honor student. Thirty qualifies you as Secretary of States!

So what? So the folks who own America's business-managed electric companies live in every one of these states. They include a lot of your friends and neighbors—and probably you, too.

How come? Well, several million Americans have invested their savings in electric companies directly. Some 48 million more have invested indirectly—through savings bank accounts and life insurance policies. Banks and insurance companies, entrusted with your funds, like to put 'em to work in sound utility securities.

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DUNSTON**

SHERIFF

Democrat

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Why not try an experienced businessman and public official for just once in 96 years. Frank Dunston has the administrative ability to organize the sheriff's department and make it an effective law enforcement unit. He will discharge the duty and unqualified deputies who investigated the unsolved murders in Oakland County last year. These deputies also conspired to wreck the present sheriff's organization. If the Republican candidate is elected these disloyal deputies will ride in to power with him.

A Vote for Frank Dunston November 5th
Is A Vote For Good Law Enforcement

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