

First Place Goes to Beatrice Cow in All-Year Test

Produces 19,134 Pounds of Milk and 955 of Butter—Other Classes Represented.

By Associated Press. Lincoln, June 24.—Flowercrest Canary Violet, a cow owned by Kilpatrick Bros. company of Beatrice, made the highest record of any of the cows in the mature class in the 365-day test completed in May, according to a statement by the college of agriculture of the University of Nebraska.

The record shows that she produced 19,134 pounds of milk containing 955 pounds of butter in a year. Pansy Norton Gerben, owned by the school of agriculture at Curtis, took second place with a production of 19,024.5 pounds of milk and 854 pounds of butter.

Breaks State Record. The only entry in the senior 4-year-old class was Loup View Corona, owned by W. J. Jenkinson of Monroe, and she broke the state record for both milk and fat by producing 23,709.5 pounds of milk containing 1,051.23 pounds of butter.

Woodlawn dairy, topped the junior 2-year-old class with a production of 17,273.8 pounds of milk and 736.55 pounds of butter in a year. The other entry in this class was N. P. Becky Bleske Beauty Countess, owned by the University of Nebraska, which produced 17,044 pounds of milk containing 520.1 pounds of butter.

In the mature class of the seven-day division, Dorothy Del Sol Queen, owned by E. L. Severs of Palmyra, was the only entry. She produced 522.8 pounds of milk containing 20.93 pounds of butter.

Woodlawn dairy owned both entries in the senior 4-year-old class. They were K. P. K. Anna Senora and K. P. K. Grace Konigen. Their production was 491.2 pounds of milk with 24.61 pounds of butter and 493.7 pounds of milk with 24.84 pounds of butter, respectively.

The highest record made in the junior 2-year-old class was made by K. P. K. A. Abekker Alcartra, owned by Union college, with a production of 24.4 pounds of milk which contained 17.55 pounds of butter.

Blair, Neb., June 19.—Beekeepers are often compelled to combat the idea that bees cause damage to fruit or other crops by sucking the nectar from the flower. This is not only untrue, but in many cases the bees are of great aid in the pollination of the flowers, making a good crop possible.

Abbott.—The second quarterly convention of the newly-organized Hall County Farmers Union was held in the school house here in the evening of June 12. The speaker was M. B. Hart, secretary of the state Farmers Union.

Chadron.—A picnic of 1,000 persons attended the Daves County Farmers Union picnic in the state park on June 22. M. B. Hart, secretary of the state Farmers Union, was the speaker.

Lodgepole.—Robert Simmons, George Boomer of the state agricultural department, and M. B. Hart, secretary of the state Farmers Union, were the speakers at the picnic of the Daves County Farmers Union on June 22.

Rats Used to Test Vitamines in Milk at State Uni

Common and Almino Species Crossed to Produce Sturdy and Gentle Qualities in Rodents.

By FRANK HUNTON. Pure-bred milk cows are not the only things raised by the dairy experts of the University of Nebraska college of agriculture. They are raising rats, too, but don't call the Pied Piper, for these rats have an economic value.

The purpose of these experiments with rats is to determine the amount of the vitamines in the milk of different breeds of dairy cattle. The name "vitamine" has been given to the substance which, though present in minute quantities in foods, is absolutely essential to a continuation of the life process.

Test Four Breeds. It is known in mixed milks, but not in the milk from the different breeds of cattle. It will be determined in milk from cows of the Holstein, Jersey, Guernsey, and Ayrshire breeds. The rat is selected because he is the best indicator of the amount of biological determinations of feeds, the reasons being that results can be obtained in a short time not only from adults, but also from the subsequent generations, the life cycle being short.

The preparation for such experiments takes many hours of time and hard work. Two strains of rats were first selected, the common brown or Norway rat, and the white, or albino. The offspring of the colony consisted of 10 pure-bred albinos, three males and seven females, and five pure-bred Norwegians, two males and three females.

Culls. If a cow is quite faded, the days are numbered. To renew its old color, it must be cull.

How many happy homes are you providing for your neighbors by leaving old tin cans, pails and other useless receptacles where they will hold water?

There should be one or more growers of good seeds in every community. These growers should supply the "foundation stock" for their neighbors who desire good seed.

Separate the brood sows from the fattening hogs.

Soy beans: A standard food crop for millions of oriental people; a valuable legume for Nebraska farms; a pig and dairy cow feed—home grown—equal to tankage and better than oilmeal.

Farmers' Union Notes. Here—Alex Lee president H. C. Hansen, vice president and Dan Polcy, secretary, were the officers of the Box Butte County Farmers Union.

Boyd County Picnic. Anoka—State President Osborn was the speaker at the annual picnic of the Boyd County Farmers Union held on June 16.

Wheat. The wheat crop in Nebraska is expected to be a record one. The acreage is estimated at 10,000,000 acres.

Fillmore County. Geneva—Fillmore county farmers in many instances have made gains of 50 to 75 per cent on a crop of chickens by feeding fattening ration for a short period of time before marketing.

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45 Nebraska Cows Are on Honor Roll

Woodlawn Dairy of Lincoln Owns Top Pair—State Record Is Broken.

Lincoln, June 24.—Forty-five Nebraska cows gained places in May on the honor roll being kept by the agricultural college at Lincoln, and four by the substitution at North Platte.

Woodlawn Dairy of Lincoln Owns Top Pair—State Record Is Broken. The top pair of cows in the mature class were owned by Woodlawn dairy, topped the junior two-year-old class with 17,273.8 pounds of milk and 736.55 pounds of butter.

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The Farmer's Wife

By MARY ANN GRAY. Making Orandy Flowers.

A pretty novelty for the summer dress is the orandy flower. The best quality of orandy should be used in making flowers because it holds its shape better. Light and dark colors combine nicely in a pretty corsage.

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Seven Cars of Cattle Bought by Dairymen

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Terracing Best Way to Prevent Erosion of Soil

Rainy Spell in Eastern Nebraska Causes Problem for Farmers With Solution in Sight.

Lincoln, June 24.—Recent heavy rains of eastern Nebraska have brought the soil erosion problem before the farmers of this section, says I. D. Wood, agricultural college extension specialist in agricultural engineering. Terracing the hillsides has been found by Mr. Wood to be the best way to control sheet erosion.

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Cornhusker Notes

If such a thing as this alleged pest-destroyer, the sweet clover, grows along your highway, just now it close to the ground along in late June or through July and see how quickly you can kill it. But it isn't a weed.

One great drawback of living in the lighted city is that of forgetting the stars. Only out in the country of nights can one realize something of the vastness of space, and the one is started into the thought that there is something greater than mere luck that keeps this universe in order.

It must be admitted that the old old black crow eats some corn, but he partakes mostly of this through the winter months when insect pests are not about. Much of the sin laid up against the crow is guess work.

There are a number of crops that must not be grown too many years in succession of the same soil. Two of them are potatoes and pigs. Both are so prone to contract ill from germ-laden soil.

Alfalfa will grow on our farm the same as it does on our neighbor's if we will just go about it in the right way. Acid soil can be sweetened, lumpy soil can be pulverized, and lean soil can be enriched.

Midland College. The boys of the Lutheran boys' camp at the Scout camp near Princeton, Neb., were held the college summer camp at Midland College.

Doane College Notes. Dr. H. P. Fairhead, 1923, of New Haven, Conn., visited his wife and daughter, has been visiting his parents, and will be in Omaha on Monday.

Johnson County Wheat. A Not Hurt by Hessian Fly. Tecumseh, Neb., June 24.—The opinion of most farmers is that while winter wheat was hurt a little by the Hessian fly in Johnson county, there will be a good crop nevertheless.

Pawnee County Rural Schools Plan Buildings. Pawnee City, Neb., June 24.—Two rural districts in Pawnee county have voted to build new modern school buildings during the summer.

Control of Berry Enemies Is Easy

Strawberries Are Relatively Free From Insect and Disease.

By M. H. SHOEMAKER. Strawberry farmers find their plants, fortunately, relatively free from insects and disease. These leaves can be identified by the presence of rusty spots or holes in the leaves soon after blooming time, is the only disease that infects the strawberry plants.

The most closely guarded secret on the farm these days is the location of the melon patch. Mr. City Dweller: If you happen to drive the country highway where the air is heavy with perfume, whether a locust tree is in sight anywhere, that's alike, the very sweetest clover that grows.

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Woman Dives Into Shallow Water and Injures Neck. Mrs. Nellie Mogard, 38, was injured Saturday when she dived off the spring board of the Riverview park swimming pool into shallow water.