

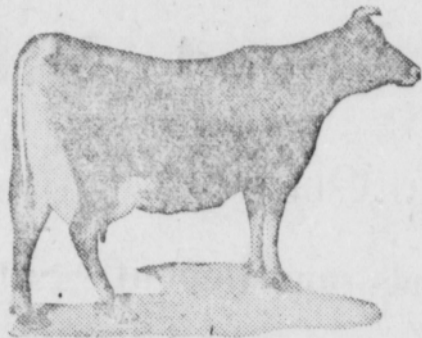
DAIRYING AND SOIL CULTURE

GREAT BUTTERMAKER.

Jersey That Produced Over a Ton in Two Successive Lactations.

Dosoris Park Lily 233783 now shares with Sophie XIX, of Hood farm the distinction of having made two consecutive years' records of over 900 pounds of butter fat. Her first record was completed in 1915, when she attracted considerable attention by setting the mark for Class AA production, in addition to winning the gold medal for the best Jersey record made in that year.

Lily started on her second test ninety-five days after completion of her



The cow herewith pictured is Dosoris Park Lily, a record making Jersey, with two consecutive records of over 900 pounds of butter fat.

first record. The exact figures of both tests are given here:

Milk.	Pounds fat.	Age.
16,723.1	937.43	5 years 11 months
15,606.6	911.92	7 years 2 months

These figures, combined give her a total production record of 1,869.35 pounds of butter fat or 2,336.7 pounds of 80 per cent butter in two successive lactations, an achievement which has earned a name for her as one of the great cows of the Jersey breed.

Dosoris Park Lily was sired by Dosoris Park Golden Lad 70986 and is out of Moy's Romp 109818. She was bred, owned and tested by the estate of Charles Pratt, Glen Cove, N. Y.

POTATO BUG CONTROL.

Spraying or Dusting With Paris Green Will Kill the Insects.

The old time custom of picking potato bugs with a paddle and bucket has given way on large farms to spraying or dusting vines with poisons. For spraying arsenate of lead and paris green are mixed with bordeaux mixture and applied whenever the beetles appear. Dusting paris green in flour or lime over the vines will also kill off the insects.

Bordeaux mixture, made of four pounds of copper sulphate, four pounds of quicklime and fifty gallons of water, is used by potato growers to ward off fungous diseases. If paris green is added to this material it will kill the bugs within a day, and when arsenate of lead is also mixed in the poison is effective often for several weeks after applied to potato vines. The Ohio agricultural experiment station advises the use of these compounds soon after potatoes come up and again about two weeks later. Sometimes a third application ten days to two weeks after the second is necessary. Early in September the second brood of beetles appears, and the treatment must be repeated then and about two weeks later. On young vines fifty gallons will be sufficient to spray an acre, but when the vines are large two or three times this amount is necessary.

Specialists at the experiment station also recommend dusting paris green diluted by bulk with twenty parts of finely ground lime and shaken from cheesecloth bags or blown from a suitable powder gun over the foliage. The powder is dusted on the plants according to the schedule for spraying.

Putting the Cat Out at Night.

The practice of turning the cat out of doors at night is as cruel as it is unnecessary. No animal is fonder of warmth and comfort, and the pet's happiness certainly is not increased by a night spent outside in cold and dampness.

If as much energy was exhausted in keeping the cat indoors as too often is expended in putting her out, how great would be the boon to human nerves and unfortunate wild things! All felines are normally nocturnal, and it is at night, if ever, that a curb on their activities is needed.—Lee S. Crandall, in "Fets."

POULTRY PICKINGS.

Don't sell all the strong, sturdy birds. The farmer must have that kind to pay him a good profit. If we want chickens with life enough to chase a grasshopper we must avoid inbreeding.

The chicken stunted in growth never becomes what it might have been had the development been continuous.

A too heavy diet of grain is apt to produce vertigo in geese.

Turkeys are extensively grown in Iowa, Illinois and Missouri. The latter state, it is estimated, produces the greatest number.

FEEDING THE HENS.

Table Scraps a Valuable Ration For the Back Yard Flock.

Photo by United States department of agriculture.

The idea of feeding garbage to a flock of chickens may intrude on the sensibilities of some, says H. A. Roberts in the Philadelphia Ledger. The idea, however, is more apparent than real. We prefer to use the term "table scraps" anyhow since there is a difference between the two. Celery tops and the tops of beets and other vegetables, the outer leaves of lettuce, vegetable parings, stale bread, ends of meat, leftovers of cereals, sour milk and miscellaneous table scraps are none the less edible because they are such; they have lost none of their value as food.

Properly fed—and by that we mean fed in a sweet, wholesome condition—there is no better food in the world for poultry than table scraps. The fact that they are a mixture of odds and ends gives them their chief virtue, which is a balanced diet. Fowls fed on table scraps invariably do better than those given a single grain diet, and the reasons are perfectly obvious. No one article of food will maintain health and vigor. The fowl's system, like the human task, requires variety.



The illustration shows a good fat-tending chicken and a poor type. To the left, a good type of chicken for fat-tending for a broiler; to the right is a poor type.

If there is not variety the appetite becomes jaded. Finally this means impaired health, a falling off in production and failure.

If you would have proof that chickens really relish table scraps offer them a plate of carefully assorted tidbits from the kitchen along with the customary grain ration and note which they devour first. If they do not fight and scramble for the table scraps to the exclusion of the grain it will be the first case of its kind that has come to the attention of the writer.

The best way to feed table scraps is to run them through a grinder. In this way many articles are utilized which would otherwise be wasted. For example, the tail end of a steak, which consists largely of fat and gristle, cannot be swallowed by the fowls at one operation. If left to their own devices the fowls will peck at it for hours and drag and fuss it around the house or yard until it becomes filthy dirty, which is not exactly wholesome. If this piece of steak is run through the grinder and reduced to edible lengths it is speedily eaten before it has a chance to become soiled or spoiled. The same idea holds true of many other articles. Eggshells may be fed to fowls if they are reduced to a ground condition, whereas it would be unwise to feed them in the form of shells for fear of starting the habit of egg eating.

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Curious Land, Curious People.

Near Cape Horn, in the islands of Tierra del Fuego, live the most curious people in all South America. It rains or snows or sleets nearly every day, and yet they look on their country as the finest in the world. They wear hardly any clothing and seem not to feel cold. Because he saw fires on the shore the explorer Magellan, the first European that rounded the Horn, called the island "the land of fire," which is almost the worst name he could have chosen. Their huts are made of bent boughs and covered with grass and give only the poorest shelter. The folk are vain, too, wearing necklaces of the teeth of fishes or seals and painting patterns on their bodies. Among them some colors have a novel meaning. White is the sign of war and red of peace. They are great mimics and will imitate voice and gesture perfectly.

Handicapped by His Name.

The handicap of a poet's name was illustrated in the case of Mr. William Wordsworth, who was the eldest surviving grandson of the poet. Mr. Wordsworth was a great scholar and a poet himself of high distinction. A volume of his sonnets was issued privately some years ago. On account of the similarity of his name with that of his grandfather, he glva s refused to publish any of his poetical writings, though pressed to do so by the people of such high authority as Matthew Arnold, who described one of his sonnets as the finest in the English language.—Montreal Star.

Odd Geographical Division.

The range of the Blue Ridge mountains in Pennsylvania is divided by a river every twenty-seven miles, as follows: From the Susquehanna to the Swatara, twenty-seven miles; from the Swatara to the Schuylkill, twenty-seven miles; from the Schuylkill to the Lehigh, twenty-seven miles; from the Lehigh to the Delaware, twenty-seven miles. At the next twenty-seven miles is a hollow of New Jersey, in which lies a lake known as Culver's pond.

DAIRY WISDOM.

Type is not the real test of a cow's value. The scales and tester are better indications.

Every year the farmer wonders how the pasture is going to hold out, says the Farm Journal. It is a pretty safe guess that it will fall off about August. Be ready for it. Don't overload the pastures.

Salt, shade and water are essential to the development of a dairy herd. Stagnant water is unfit for the stock. Drain the marshes and ponds or fence the cattle away from them.

Where chronic dysentery is present in a dairy herd try washing the cows' udders with a 2 per cent solution of coal tar disinfectant before allowing the calves to suck.

A cow with the ability to make good records is hindered in production if handled by an ignorant herdsman.

Very Suitable.

"The engagement of the young surgeon to the telephone girl is unusually appropriate."

"Why so?"

"Because she makes a practice of cutting folks off and he of cutting them up."—Baltimore American.

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REWARD

\$500.00 Reward for information leading to the arrest and conviction of person or persons who murdered Joseph Struck at or near his cabin, 2 miles northeast of Sandy on the night of December 17th, 1916.

W. F. Strack.

Crop Bound Fowls.

A hard and swollen condition of the crop is caused by an obstruction to the outlet from the crop or by gorging large quantities of grain, which swells and ferments. The fowl is droopy; it has a purplish color, and a sour smelling liquid runs from its mouth. Give castor oil or a large dose of olive oil; mend the crop with the fingers until it becomes soft under the effects of the oil and then hold the bird with its head downward and try to empty the contents of the crop.

Provide Shade For Chickens.

Do not neglect shade in the chicken yard during the hot, sunny days of summer. It is an act of simple humanity, but is also a source of net gain, since the flock thrives much better if it is so protected, and do not neglect to give fresh, cool water frequently.

The Professor Worried.

The absent minded professor from the university town was in Indianapolis attending a convention. While in the city he took a tour of the larger department stores. In one of them he was much perplexed.

He read the sign over the door of the elevator:

"This car express to fifth and sixth floors. Up only."

Absently he read the sign again. Then the car door opened.

"I would like to know," he asked the elevator boy, "if this elevator goes only up, how on earth did you get down here?"

The elevator boy grinned, frowned, scrutinized the man closely and then said in a dignified voice, "Oh, I just came down."—Indianapolis News.

True Economy.

There are great joys in practicing true economy in the right spirit. True economy, you see, is not abstinence from necessary things—not at all. The joys of true economy are for those who make the most of what they have; who, finding what may be theirs, proceed to the extraction of the greatest benefit from what is within reach.

Where Knowledge Stopped.

Bill—Do you know you borrowed \$2 from me over six months ago?

Gill—Yes, I know that.

"And do you know you have never paid me?"

"Why, yes, I know that."

"Do you know when you are going to pay me?"

"Well, say, you don't expect me to know everything, do you?"—Pittsburgh Chronicle-Telegraph.

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