

Sure Relief



BELL-ANS
FOR INDIGESTION

6 BELL-ANS
Hot water
Sure Relief

BELL-ANS
FOR INDIGESTION

\$100 Reward, \$100

Catarrah is a local disease greatly influenced by constitutional conditions. It therefore requires constitutional treatment. HALL'S CATARRH MEDICINE is taken internally and acts through the blood on the mucous surfaces of the system. HALL'S CATARRH MEDICINE destroys the foundation of the disease, gives the patient strength by improving the general health and assists nature in doing its work. \$10.00 for any case of Catarrah that HALL'S CATARRH MEDICINE fails to cure.

Druggists Sell. Testimonials free.
F. J. Cheney & Co., Toledo, Ohio.

Its Nature.
"What do you think of that free seed business in congress?"
"I think it is a plant."

DAIRY COWS FED TOO MUCH GRAIN

Greatest Quantity at Lowest Cost for Production Makes Dairying Profitable.

HOLSTEIN COW MADE RECORD

Produced More Milk and Butterfat on Pasture, Silage and Roughage Than When Fed Grain—Feed Stuff Grown on Farm.

(Prepared by the United States Department of Agriculture.)

Profitable dairying does not consist in producing the greatest possible quantity of milk.

It does consist, however, in producing the greatest possible quantity of milk at the lowest possible cost.

To produce more milk, many dairymen feed too much grain, and pile up stupendous feed bills. But the grain does not always increase the flow of milk above what it would have been without grain, enough to pay the difference in the feed bill. Dairy specialists of the United States department of agriculture believe that in many cases more grain is fed to dairy cows that can be justified by the results in milk and butterfat.

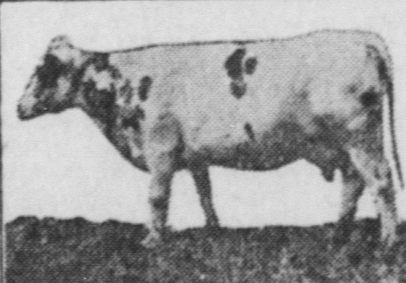
If your neighbor told you that his cow, that had not eaten a pound of grain for a whole year, produced 3,000 pounds more milk and 90 pounds more butterfat than she ever did when fed the regular grain and roughage ration—well, what would you believe if your neighbor told you that? And yet, that has actually happened. At least, that is substantially the story that the United States department of agriculture tells about its Holstein cow, Helen Ulrikje Calamity 145857.

Up to the time Helen was eight years old, she had always been fed a grain, silage, and roughage ration, and the best she had ever done was 11,778.2 pounds of milk and 368.39 pounds of butterfat. When she was eight years old, that being in the spring of 1918, it was decided to feed her no grain for a year. She lived for a full 12 months on pasture, silage, and roughage. And that year she produced 14,210.1 pounds of milk and 470.24 pounds of butterfat. The experiment was carried out at Huntley, Mont.

A Revolutionary Cow.

Helen may properly be referred to as a revolutionary cow. Some other cows, in cow-testing associations and elsewhere, have shown similar tendencies. And the result is that the dairy specialists are urging dairymen to see if it is not possible to produce milk and butter without feeding so much grain as is commonly fed.

The basis of successful dairy feeding is now said to be to feed the cows on the stuff that the farm produces instead of buying a great deal of grain and other concentrates. The dairyman should plan his feeding and crop growing to take care of the herd he has, instead of buying as the need arises for more feed. He should devote special attention to having the right kind of pasture and the right kind of roughage. If he cannot grow



She Produced More Milk Without Grain Than With It.

alfalfa, say, he should see what can be done toward growing soy beans or cowpeas or some other roughage crop that will supply the protein needed.

Caring for Pasture Pays.

In the old days, when a cow could be fed on grain and roughage at \$5 or \$6 a month, there was no great inducement to take care of pastures. But today it costs from \$15 to \$30 a month to feed a cow on grain and roughage. Attention devoted to pasture, therefore, pays bigger dividends than formerly. Dairymen used to figure that they must get \$15 a year from every acre of land in pasture, and this meant that the acre had to pasture a cow for three months. Now, if the same acre pastures a cow only one month, it produces its \$15. If it pastures a cow for three months it is producing \$45 a year. And the price of pasture land has not increased in that proportion. Therefore, every day that the cow is kept on pasture means a saving of money to the dairyman. It pays, nowadays, to take care of the pastures. And it pays equally well to take care of the roughage. Pasture, forage, silage—these things are the essentials in dairy production.

SOLVE WINTER EGG PROBLEM

Commercial Breeders Have Discovered Importance of Green Food in Ration of Fowls.

The most important discovery the commercial breeders have made in the past few years towards solving the winter egg problem has been the discovery of the value of green food in a tender, succulent form in the ration.

DISINFECT SEED BED TO PREVENT DISEASE

Before Planting Be Sure to Destroy All Fungi.

Sterilization by Heat in Form of Steam is Most Effective—Formalin Treatment May Be More Practical for Majority.

(By OTIS REINKING, Colorado Agricultural College, Fort Collins, Colo.)

Be sure to disinfect your seed beds, cold frames or hot house beds before planting. The purpose is to kill all fungi which cause damping off, stem rot, black rot, and other diseases. Sterilization by heat in the form of steam is the most effective; however, the formalin treatment may be more practical for the majority.

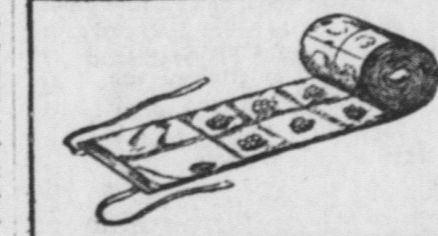
The formalin solution is made up by using 4 quarts of formalin (40 per cent formaldehyde to 50 gallons (1 barrel) of water. Apply at the rate of 2 quarts per square foot of ground. One barrel, at this rate, will cover a piece of ground one rod long by six feet wide. Apply the solution gradually to the soil with a sprinkling pot. It is well to cover the bed for 24 hours with sacks disinfected in the formalin solution.

Do not plant until the third or fourth day after disinfecting, or until the ground is in a suitable condition. This will allow all formalin fumes to escape so that the seed and young growing plants will not be injured.

SEED TESTER QUITE SIMPLE

Inexpensive Contrivance Comprises Envelope Enfolded Pad Which Retains Moisture.

The Scientific American in illustrating and describing a seed tester invented by A. F. Esslinger of Ypsilanti, Mich., says: The object of the invention is to provide a simple, and inexpensive contrivance for testing seeds. The tester comprises an envelope



Showing Manner in Which Seeds Are Enclosed in Tester.

formed by folding longitudinally the outer member and stitching it at one of the edges, this envelope enfolds a pad which absorbs and retains moisture for a period sufficient to cause germination of the seeds. The envelope is stitched longitudinally and transversely, to form sections each of which is numbered for identification purposes.

SOIL FERTILITY IS LACKING

Many Unprofitable Pastures Need Re-seeding or Liberal Application of Plant Food.

Many pastures gradually prove unprofitable not from overgrazing or seasonal conditions but from lack of soil fertility. This is especially true where cattle, sheep, etc., graze in an open field and then run into some shady spot to rest, so conditions should be carefully studied. In some cases it will be found that the pasture needs re-seeding, though in many cases it will be learned that it is overgrazing or lack of available fertility in the soil that causes the decline, in which case removing the stock for a time if from overgrazing or the application of the necessary plant food if the latter will prove profitable.

CONFINED FOWLS NEED GRIT

Conditions in Winter Season Are Vastly Different From Summer When Hens Are Free.

When the hens are running in the field in summer they pick up and eat small sharp pieces of gravel which serve as grit to grind the food in the gizzard and keep the digestive organs in good shape. When the hens are confined to the houses during the winter they must have plenty of grit, and the commercial grit to be given in boxes and hoppers is the best, because it is the right size and is sharp.

LIME IS GOOD DISINFECTANT

Scattered About Henhouse It Has Tendency to Keep Fowls in Thrifty Condition.

Air-slaked lime is one of the best things known to scatter about in the henhouse, over the walls, roosts and floor, and in the nests, as a disinfectant. It keeps fowls in good health. It is also excellent to use in fighting roup and mites.

MORE FERTILIZER IS NEEDED

Every Shovelful of Manure Should Be Saved and With Rubbish Plowed Under.

More fertilizer is needed on many farms. Every shovelful of manure should be saved and all rubbish turned under when possible to improve the fertility of the soil. It takes plant food to yield crops. Poor land should be improved.

Alabastine
Instead of kalsomine or wallpaper



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To Get Alabastine Results You Must Ask for Alabastine by Name

You Can Not Be Deceived! This Package Protects You

You want Alabastine. Alabastine results alone will satisfy you. Alabastine results can be secured with no other material.

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Alabastine is artistic, sanitary, durable and economical. Alabastine will permit you to put your own individuality in your home, match your rugs and furnishings and have complete color harmony in all your rooms. Combining and intermixing the different tints enables you to secure unlimited color effects.

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547 Grandville Road Grand Rapids, Mich.

Harvest 20 to 45 Bushel to Acre Wheat in WESTERN CANADA



Think what that means to you in good hard dollars with the great demand for wheat at high prices. Many farmers in Western Canada have paid for their land from a single crop. The same success may still be yours, for you can buy on easy terms.

Farm Land at \$15 to \$30 an Acre

located near thriving towns, good markets, railways—land of a kind which grows 20 to 45 bushels of wheat to the acre. Good grazing lands at low prices convenient to your grain farm enable you to reap the profits from stock raising and dairying.

Learn the Facts About Western Canada—low taxation (none on improvements), healthful climate, good schools, churches, pleasant social relationships, a prosperous and industrious people.

For illustrated literature, maps, description of farm opportunities in Manitoba, Saskatchewan and Alberta, reduced railroad rates, etc., write Department of Immigration, Ottawa, Canada.

F. A. Harrison, 210 North Third St., Harrisburg, Pa.
Canadian Government Agent.

QUEUE IS SIGN OF BONDAGE

Remarkable That Chinese Have Come to Look Upon It With a Degree of Pride.

If the Germans had won the war, would they have made us wear pig-tails—in order that they might have something to yank us around by. And would they have applied their efficiency to a new system of punishment, perhaps with a different number of yanks for each offense against our conquering masters? The zeal with which patriotic Chinamen cultivate the queues that they consider a sort of national distinction, and the fact that those Chinamen in other countries who discard them are forever considered outcasts is indeed paradoxical. For the pigtail is a sign of bondage, the earmark of a conquered race. Centuries ago ancient China had a civilization all its own. But on every side she was surrounded by warrior hordes that coveted the riches and luxuries of the more advanced people and harassed them continually. Finally overcome by a barbarian host, the Chinese were reduced to a state of servility. One of the exactions of the conquerors was that the men grow long queues, by which, as they flew by on their horses, they actually took hold of the helpless creatures to swing them before them to the saddle or to cut off their heads.

So it is.
"What is the center of gravity?"
"The letter V"—Boys' Life for February.

The little cur is always trying to get even with the big dog.

Values of commodities depend on whether you want to buy or sell.

No harmful drugs in Garfield Tea. It is composed wholly of simple, health-giving herbs.—Adv.

The Locality.
"Experts say it takes fully fifteen minutes to shear a sheep by hand."
"Not if it is done in Wall street."

Swiss Use Glass Weights.
In Switzerland goods are weighed with glass weights. In fact in various parts of Europe glass is taking the place of wood and iron in many directions.

Married in Ignorance.
Beck—Yes, I have met your wife, in fact, I knew her before you married her.
Peck—Ah, that's where you had the advantage of me—I didn't.—London Answers.

"Movies" in Education.
Prof. Giacomo Boni, noted Italian archeologist, has suggested to the government the use of moving pictures to promote the study of history in the schools and among all classes of the people.

He declared that moving pictures were better than books or lectures, and recalled that after the Roman peace the Emperor Augustus, wishing to induce the people to return to the land, called upon the poets to sing of agriculture, and Virgil wrote the "Georgics."

Moving pictures, according to Professor Boni, must be employed in a similar manner to educate the people to a knowledge and appreciation of Italian history.

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For Infants and Children.

Mothers Know That Genuine Castoria Always Bears the Signature of *Chas. H. Sletcher* In Use For Over Thirty Years **CASTORIA**

Net Contents 15 Fluid Drachms
900 DROPS

ALCOHOL—3 PER CENT.
A Vegetable Preparation for Assuimulating the Food by Regulating the Stomachs and Bowels of INFANTS & CHILDREN

Thereby Promoting Digestion Cheerfulness and Rest. Contains neither Opium, Morphine nor Mineral. NOT NARCOTIC

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A helpful Remedy for Constipation and Diarrhoea, and Feverishness and LOSS OF SLEEP resulting therefrom in Infancy.

Fac-Simile Signature of *Chas. H. Sletcher*

THE CENTAUR COMPANY, NEW YORK.

At 6 months old 35 Doses—40 CENTS

Exact Copy of Wrapper.

BELIEF IN "LUCKY PIECES"

Superstition That Seems More General Now Than in the Days Before the Great War.

"That is my lucky piece," a veteran said, as he pulled a shapeless little bit of metal out of his pocket with his regular small change. "That's a bullet that just grazed my ear and burrowed into a wall right behind me." "What sort of luck has it brought you?" He laughed. "Six months in hospital from another bullet the very next day. . . . But I married the nurse, and she's a bit of good luck, you bet! I got into the habit of carrying this about; most all the boys carry a pocket piece of some kind for luck whether they believe in luck or not." One man always carries a half-liar in an inside pocket by itself, so that if his spending pocket happens to get empty he would not be altogether destitute. There is another who sews a \$10 bill in the fob pocket of every pair of trousers he buys. In that way he can never have the bad luck of forgetting to change his money when he changes his clothes. True, he might have the bad luck to forget to remove it when he sent the trousers to be pressed, but—as he philosophically expresses it—that would be good luck for the tailor.

Iceless are cool eaves droppers.

Whippets Beat Mules.

The whippet tank, which roared and banked and clanked its way to victory in the war against Germany, is putting horses and mules out of business in the great pine forests of northern Arizona. One big lumber concern at Flagstaff has just put two tanks to work, having bought them from the war department. Each tank has displaced thirty horses and fourteen men, according to company officials, using horses it was impossible for the company to haul during the winter months. The tanks, however, take no account of weather conditions.

Nothing in a Name.

A little boy on the north side who passed recently into a new room at school was told by the teacher that her name was Miss Crane. The other day his mother thought she would send a note to the teacher, inquiring about the lad's progress in his studies. She asked John the name of his teacher, and he puzzled and stuttered a minute, and then replied: "Why, it is Miss Chalk, mother."—Indianapolis News.

Opened a Can.

"That was really a fine poem the man wrote about your baked beans."
"Yes. The poor fellow was hungry."

Late hours may tell on a man, but his wife doesn't have to be told.

If You Hear Anybody Talking
about coffee prices or coffee troubles, tell them to quit coffee and try

Instant Postum

A ten days' trial shows results that please, and with gain in comfort there is no loss of pleasure.

A wonderful table drink, pure, healthful, economical, delicious! No advance in price.

"There's a Reason"

Made by Postum Cereal Co., Battle Creek, Mich.

A Morning Dish Of Grape-Nuts

certainly does hearten one up for the day. Why shouldn't it? Grape-Nuts is ready-cooked, ready-sweetened, and contains just those good elements nature requires for the strength to do things.

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