



THE DAIRY

YEW POISONING COWS.

Farmer Who Lost Five Jerseys That Ate Leaves of Tree.

"A late experience was not unprofitable to me, but may be to some of your readers," writes a correspondent of the Country Gentleman. "Between noons of two days I lost four young Jersey cows, and the next day another, from eating the foliage of an Irish yew tree, which was trimmed and the branches thrown over the fence into the pasture lot. They would first show it by staggering, then a wild



Leaf of the Yew.

look in the eyes, and shortly falling; some never getting on their feet again, and two dying within ten minutes of first symptoms. Two of the others were saved (although not so badly affected) by large doses of castor oil and glauber salts. I inclose a twig, as it is not commonly known."

The botanical name of the yew to which the twig belongs is *Taxus baccata*, says the Country Gentleman. This species is native in Europe, and from it many cultivated varieties have been derived. In the Cyclopedia of American Horticulture ten varieties and several forms are described. The "Irish Yew," *Taxus hibernica* of gardeners, is there referred to variety *fastigiata*, which is described as having crowded, upright branches and branchlets and dark, glossy, green leaves. The leaves of this and other species of yew are reputed to be poisonous to horses and cattle, the poisonous constituent being an alkaloid called taxine. Our common species, *Taxus canadensis*, is a small half prostrate or ascending shrub found in the northern and eastern states growing in ravines or in rocky, shaded places, and when accessible to cattle is apparently avoided by them as a source of food.

DO COWS NEED PHOSPHATE?

An Experience That Has Raised a New Query.

During the past summer we have treated the growing heap of manure in our barn yard every two weeks to a sprinkling of ground phosphate rock, or floats. Some of the ground rock was scattered on the ground next to the barnyard fence away from the manure. We noticed the cows were eagerly gnawing away at the ground, and thought first some salt had been scattered there. Examination proved, however, that they were licking up the phosphate rock, doing so very greedily.

Now here is a new question: The cows are fairly wild for the phosphate rock. Why? Is it that they feel the need of this form of phosphorus? We wonder if any of our brother dairymen have ever discovered the same thing in their cows? We had before discovered that pigs will eat the ground rock greedily if they can get it. Phosphorus is very essential, to a certain extent, in the animal economy.

We would like very much to hear from some of our experiment stations or from individual dairymen if they have had experience in this line, says Hoard's Dairyman. The experiment made with pigs by the Wisconsin experiment station, in feeding one lot with a certain allowance of phosphate and denying it entirely to another lot, convinced us that there is something valuable for all feeders to learn in this direction.

DAIRY DOTS AND DASHES.

On most American farms it is not necessary to keep the cows in crowded quarters, yet we often see small dairy barns on big farms, and the cows crowded close together.

The prejudice in favor of beefy cows is still a great obstacle in the way of the progress of dairying.

It is easier to keep a big barnyard clean than it is a small one.

The best buttermakers say never to pour water on butter when washing it, but around it, then move the butter in the water.

A hand separator is the motive which keeps the right hand from knowing what the left hand is up to.

Keep Cows Off Pasture.

Getting down to dry feed is a trying time in the cow lot, for the herd cannot persuade themselves they want it when they need it. The milk flow is frequently less at this time than later on, when the weather is cooler. A better plan is not to let the milk cows have the run of a half-pasture at all, but to keep them away from the taste of that which does not furnish them enough in itself.

WHEAT BRAN FOR COWS.

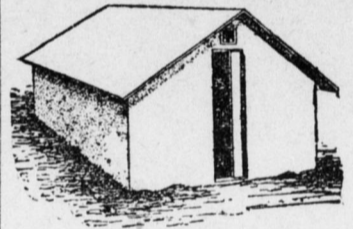
Character of the Feed from Different Mills Varies Considerably.

Letters received at the station indicate that in some parts of Michigan a prejudice exists against roller process wheat bran, says Prof. Smith of the Michigan station. Some farmers prefer finely ground bran, others are prejudiced in favor of coarser samples. The product of roller mills is not uniform in this respect. In some samples the germ is ground with the bran. In other mills the germ is found either in the flour or as a separate by-product. To get some light on the relation of the composition of bran to its physical appearance, 14 samples were analyzed, some of them from roller mills, some from stone mills, some from mills of large capacity and others from smaller establishments. The per cent. of protein varied from 14.32 per cent. in the bran of a roller process mill with an annual output of 1,200 tons to 19 per cent. in first-grade roller process bran from one of the immense mills in Minneapolis. Little variation was found in the composition of extremely coarse bran and the finer articles. The chemist says on this topic: "The two extremes, the very coarse and the very fine, are of much the same composition, while neither shows the best sample so far as feeding properties are concerned. The medium grades generally show a better analysis than either of the extremes. Theoretically the bran produced by the roller process should be more valuable than that produced by stone mills, as in one the germ, which is rich in fat, is separated out with the flour, and in the other this part goes into the bran. The roller process bran is all perceptibly higher in protein than are those of the stone process. It is not so much the amount of starch present in the bran, as the amount of protein and fat that is of consideration to the feeder. The end for which the millers are constantly working in the milling process, the most complete separation of the starch possible and the needs of the consumer of the bran, a food rich in protein and fat, are identical. The new milling process, instead of supplying the feeder with an inferior grade of feeding stuffs, furnishes him with one much superior to that supplied by the old process."

CONCRETE ICE HOUSES.

Structure Which Will Prove Economical for Dairy Farm.

On dairy farms where a permanent ice house is desired, a concrete structure will prove economical. The first cost is slightly greater than where wood is used, but the ability of the concrete to stand constant dampness on the inside makes it more desirable. As shown in the sketch taken from Farm and Home, the building should



An Everlasting Ice House.

have an opening extending from surface of the outside ground almost to the gable, which will allow ice to be put in.

A small window for ventilation should be placed at the top of each gable. The walls of this house may be constructed double by inserting a mold between the forms when the concrete is poured. Two three-inch walls with a two-inch air space will serve best. The roof may also be made of concrete by laying forms for rafters and reinforcing it with light iron rods.

DAIRYING IN WINTER.

Good Barn, Good Feed and Fresh Water Necessary to Success.

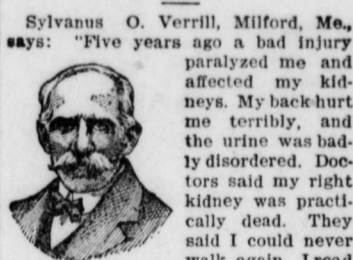
Calves dropped in September and October are most desirable because they thrive better at the start and can quickly be converted into veal at a time when "baby meat" is at the highest price. Another advantage is the cow will go dry at a time of the year when flies are bad and when the weather is warmest. To make winter dairying a success it is necessary that the cows have a comfortable barn and plenty of good feed and fresh water. In the winter the farmer or dairyman can give the cows more attention than during the summer months, says the Journal of Agriculture, and in spare time improvements may be made in the stables and outhouses. The fall cow can start into the winter in good condition and with proper attention can be kept in shape all winter. Cows that milk heavily should be fed freely from the silo. It will be found that if calves are kept for breeding the winter calf will do better than the one born in the heat of summer when flies are bad and grass is short. In the summer raise plenty of feed of all kinds for winter and when the cows finally are placed in winter quarters make them comfortable and they will yield milk in the exact proportion in which they are housed and fed. Calves may be given skim milk with grain and hay.

Dairying Pays the Year Round.

Dairying is often referred to as the harvest that never ends. This is correct, if the cows are good milkers; if they are not, it ends soon after it commences.

ONE KIDNEY GONE

But Cured After Doctors Said There Was No Hope.



Sylvanus O. Verrill, Milford, Me., says: "Five years ago a bad injury paralyzed me and affected my kidneys. My back hurt me terribly, and the urine was badly disordered. Doctors said my right kidney was practically dead. They said I could never walk again. I read of Doan's Kidney Pills and began using them. One box made me stronger and freer from pain. I kept on using them and in three months was able to get out on crutches, and the kidneys were acting better. I improved rapidly, discarded the crutches and to the wonder of my friends was soon completely cured."

Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

USED TO IT.



Old Gent—Are you not ashamed to stand there listening to such awful language?

The Boy—Oh course I ain't. I'm a golf caddy.

NO SKIN LEFT ON BODY.

For Six Months Baby Was Expected to Die with Eczema—Now Well —Doctor Said to Use Cuticura.

"Six months after birth my little girl broke out with eczema and I had two doctors in attendance. There was not a particle of skin left on her body, the blood oozed out just anywhere, and we had to wrap her in silk and carry her on a pillow for ten weeks. She was the most terrible sight I ever saw, and for six months I looked for her to die. I used every known remedy to alleviate her suffering, for it was terrible to witness. Dr. C. gave her up. Dr. B. recommended the Cuticura Remedies. She will soon be three years old and has never had a sign of the dread trouble since. We used about eight cakes of Cuticura Soap and three boxes of Cuticura Ointment. James J. Smith, Durmid, Va., Oct. 14 and 22, 1906."

A MATTER OF HEREDITY.

Agnes Had Only Followed in the Footsteps of Her Mother.

Even if there had not been kernels of rice on her hat and a glad light of love in her eye any bachelor could have told that she was a bride. And the manner in which she spoke to her husband showed they had not been married long.

A man in the passing crowd spied the couple, and rushed over to greet the bride.

"Well, well, Agnes," he cried, extending his hand, "you don't mean to say that you're married?"

"Why—why, yes," the girl stammered, vivid color mounting to her cheeks, as she tried to defend her novel situation. "You—you know, it runs in the family. Mother was married, too."

Always Exciting.

"I visited E. R. Thomas and found him doing well after his motor accident," said a member of the Automobile Club of America. "Thomas, as usual, railed against our bad roads."

"He said that a friend who lived in the country had been in to see him."

"The country is all right in the summer," Thomas admitted, "but in the fall and winter don't you find it dull?"

"Dull?" said the other. "No, indeed. Why, out our way some motor car or other gets stuck in the mud every night."—Philadelphia Bulletin.

NEW LIFE

Found in Change to Right Food.

After one suffers from acid dyspepsia, sour stomach, for months and then finds the remedy is in getting the right kind of food it is something to speak out about.

A N. Y. lady and her young son had such an experience and she wants others to know how to get relief. She writes:

"For about fifteen months my little boy and myself had suffered with sour stomach. We were unable to retain much of anything we ate."

"After suffering in this way for so long I decided to consult a specialist in stomach diseases. Instead of prescribing drugs, he put us both on Grape-Nuts, and we began to improve immediately."

"It was the key to a new life. I found we had been eating too much heavy food which we could not digest. In a few weeks after commencing Grape-Nuts I was able to do my housework. I wake in the morning with a clear head and feel rested and have no sour stomach. My boy sleeps well and wakes with a laugh."

"We have regained our lost weight and continue to eat Grape-Nuts for both the morning and evening meals. We are well and happy and owe it to Grape-Nuts." "There's a Reason."

Name given by Postum Co., Battle Creek, Mich. Read "The Road to Wellville," in pkgs.

Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

THE DIFFERENCE.



Jones—You never hear of a fat criminal, do you?

Bones—Certainly not. Look how difficult it would be for a stout person to stoop to anything low!

His Information Was Accurate.

Mr. I. believes with Solomon that to spare the rod is to spoil the child, therefore he keeps in a certain closet a leather strap with which he administers punishment to his offspring when they commit any misdemeanor.

A few days ago he had occasion to need the strap, but it was missing from its usual place, and a thorough search of the entire flat failed to discover it. Then he offered a reward of five cents to whomsoever of his olive branches could tell him what had become of the lost article.

"Gimme the nickel," cried four-year-old Ben. "I knows where it is."

When the coin was safely stowed away in his trousers pocket he said, with much pride:

"I frowed it down the air-shaft."

Blighted Faith.

Edith's small friends were helping her celebrate her sixth birthday, and one embryo Prince Charming had been so devoted that seven-year-old Gladys slyly whispered to Edith's mamma that "Edith has got a beau." Mamma, who wasn't so very aged herself, felt that the role of chaperon was being prematurely thrust upon her, and explained to Gladys that small girls had little boy friends, not beaus. Gladys was not to be daunted, however.

"But I have a beau," she announced—"at least I had one, but he's married now. Just think, he promised faithfully to wait for me, and then he went off and married some one else. And now, with profound and tragic conviction, 'I'll never believe another man as long as I live.'"

STATE OF OHIO CITY OF TOLEDO, LUCAS COUNTY.

FRANK J. CHENEY makes oath that he is senior partner of the firm of F. J. CHENEY & CO., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH CURE.

FRANK J. CHENEY, sworn to before me and subscribed in my presence, this 6th day of December, A. D., 1908.

A. W. GLEASON, Notary Public.

HALL'S Catarrh Cure is taken internally and acts directly upon the blood and mucous surfaces of the system. Send for testimonials, free.

F. J. CHENEY & CO., Toledo O. Sold by all Druggists, 75c.

Take Hall's Family Pills for constipation.

Immigration and Emigration.

In nine months of the current year 310,000 aliens came to this country and 570,000 foreign-born people went back to Europe. During the similar period of last year there arrived in America 1,135,000 aliens, while those who departed from these shores numbered only 330,000.

Pettit's Eye Salve for 25c.

Relieves tired, congested, inflamed and sore eyes, quickly stops eye aches. All druggists or Howard Bros., Buffalo, N. Y.

It is more from carelessness about truth than from intentional lying that there is so much falsehood in the world.—Dr. Johnson.

Mrs. Winslow's Soothing Syrup. For children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

When widows rush in it's time for young girls to look out.

Feet Ache—Use Allen's Foot-Ease Over 1,000 testimonials. Refrain imitations. Send for free trial package. A. S. Olmsted, Le Roy, N. Y.

Time isn't money, yet people are always spending it.

COULDN'T FOOL UNCLE REUBEN.

Darky Knew Only the One Man as "Notorious Republican."

Mr. Allen, an Arkansas planter, who enjoys the distinction of being the only white Republican in his section of the state, has in his employ an aged negro known as Uncle Reuben, who "fit fur de union endurin' de wah."

For some time the old man had been endeavoring to secure a pension from the government for this service. A few days ago, as Mr. Allen was riding by a field where he was plowing, Uncle Reuben hailed him with the words:

"Marse, I've done got my pension, an' I wants to swar to it befoh you." "Glad to hear that, Uncle Reuben, but you must do your swearing before a magistrate. Squire McCabe is the man for you to see."

"Now, marse, quit tryin' to fool ole Rube. My lil' gal who goes to school an' kin read writin' done read me from dose papahs dat I mus' swar to dem befoh a notorious Republican, an' dat's what you is, kase ever' one knows dat Squire McCabe am a Democrat."—New York Times.

PAMPERED.



Mrs. Newrich—Will your hounds follow a fox?

Newrich—Why—er—I think they would if the fox was dressed and cooked.

The St. Anthony chapel car which recently finished a long tour through Wisconsin and Minnesota, has had a prosperous week in Philadelphia.

An Autocrat.
"Do you think that the people ought to rule?" asked the patriot.
"Don't ask me," answered the nervous man. "I'm prejudiced against the idea. I'm a baseball umpire."



PATENTS Watson E. Coleman, Wash.ington, D.C. Books free. High-class references. Best results.

AGENTS make big money, our holiday line sells to everybody. Sample 25 cents, returnable. E. MAXIM CO., Kingessing, PHILADELPHIA, PA.

If afflicted with sore eyes, use **Thompson's Eye Water**

A. N. K.—C (1908—48) 2258.

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ALCOHOL—3 PER CENT

Vegetable Preparation for Assimilating the Food and Regulating the Stomachs and Bowels of

INFANTS & CHILDREN

Promotes Digestion, Cheerfulness and Rest. Contains neither Opium, Morphine nor Mineral.

NOT NARCOTIC

Recipe of Old Dr. SAMUEL PITCHEE

Pumpkin Seed -
Aloes -
Rochelle Salts -
Anise Seed -
Sage -
Sulphur -
Dill -
Worm Seed -
Clarified Sugar -
Wintergreen -
Pine -

A perfect Remedy for Constipation, Sour Stomach, Diarrhoea, Worms, Convulsions, Feverishness and LOSS OF SLEEP

Fac Simile Signature of
Chas. H. Fletcher

THE CENTAUR COMPANY,
NEW YORK.

At 6 months old
35 DROPS - 35 CENTS

Guaranteed under the Food and Drug Act.

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CASTORIA

For Infants and Children.

The Kind You Have Always Bought Bears the Signature of

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Use For Over Thirty Years

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The Comfortable Way To Portland

And the straight way. Daily service via Union Pacific from Chicago to Portland.

Electric Block Signal Protection—the safe road to travel

Pullman Drawing Room Sleeping Cars, Pullman Tourist Sleeping Cars, Free Reclining Chair Cars, Coaches and Dining Cars.

Let me send you books fully describing Portland, the Northwest and the train service via

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Ask about the Alaska-Yukon-Pacific Exposition at Seattle, Wash., 1909

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