

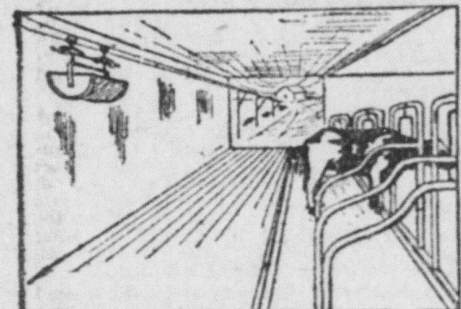
The DAIRY



BARN CLEANING MADE EASY

Litter Carrier Is One of Greatest Labor Saving Devices That Can Be Installed on Farm.

The illustration represents the greatest labor saving device on this farm. The "dump" is 90 feet from the barn. At the dump we took a scoop scraper and scraped a pit 2½ by 3 feet deep in the center, rising to nothing at the edges, writes W. I. Raymond of St. Charles, Ia., in the Missouri Valley Farmer. This is as large as the manure pile is expected to be. This pit is in clay soil and was smoothed and puddled until it is water tight, thus preventing any leakage of the liquid manure. There is 200 feet of track going along all gutters and into all the box stalls through gates which open for that purpose and the litter carrier goes around



Litter Carrier.

corners on switches which work perfectly. We have cleaned the entire barn, which shelters 32 head of dairy cattle, in 39 minutes, doing a good clean job and not hurrying, and the manure is carried where it is not rotting your barn, fouling the air or making your yard muddy or filthy. Small boys enjoy cleaning the barn with this device. The loaded car is pushed to the door and given a vigorous shove. This sends it to the dump, where it trips automatically, dumps, and returns again. The cost is not prohibitive, and there should be more of them in use.

FEED QUESTION IS BIG ONE

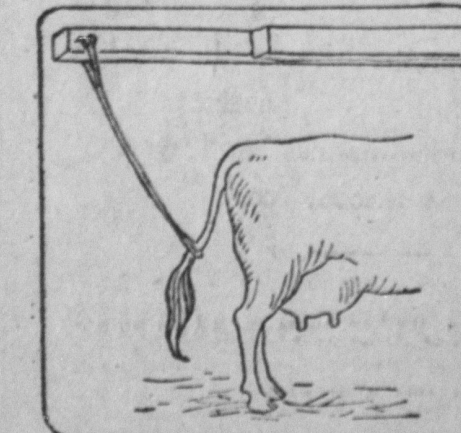
Possible for Dairy Farmer to Grow Balanced Rations.—His Salvation Depends on Point.

Molasses is used in many instances to disguise very low-grade materials, including weed seeds. Farmers should buy the molasses and make their own mixtures. The feed question is a big one with dairy farmers, but it is not a serious problem to those who have their barns filled with good alfalfa hay, which can be grown successfully in every county in New Jersey, and which, on the average, would not cost \$10 a ton. I am strongly opposed to the purchase of low-grade feeds, unless the price is in proportion, which, unfortunately, is not now the case, as on the average feeds carrying from 5 to 12 per cent protein, and a high percentage of crude fiber, cost per ton practically the same as feeds which carry from 15 to 40 per cent protein, with a correspondingly high rate of digestibility and low percentage of crude fiber. You could do no better than to make a strong drive for high-grade protein feeds, more especially for use in the dairy, and also for the larger growth and use of legumes by dairy farmers. It is possible for the dairy farmer to grow balanced rations, or at least to get along with a very small purchase of feeds, says a writer in an exchange. The salvation of the dairy farmer depends largely upon this point.

SECURE COMFORT IN MILKING

To Prevent Cow From Switching Dirty, Wet Tail in One's Face Simple Device Is Arranged.

In order to avoid the discomfort that comes from having a cow switch her dirty, wet tail in one's face when milking, a simple device like the one shown may be put in use, says the Iowa Homestead. Take a piece of heavy cord and after making a loop in each end attach one to the joist



Cow's Tail Securely Held.

at A and loop the other around the tail. When milking one end can be hooked over a nail or hook at B which will pull the tail above harm's way. When hooked on nail or hook at A the cord should be just long enough to hold the cow's tail out of the filth of the gutter.

Give Hens Freedom.

The hens should have freedom, if gently

TO PROPERLY PACK BUTTER

Farmer's Wife or Daughter Should Study Wants of Customers and Give What is Desired.

(By W. H. UNDERWOOD.)
When a farmer's wife or daughter has a sufficient quantity of milk to be able to sell some butter, she ought by all means to find out just what sort of butter people will pay the highest price for and how the same is packed for sale, and comply with these conditions. If they do so they will get all it is worth.

On a Saturday not long since while I was waiting in the store several persons brought in butter, and with the exception of that from two customers (myself and one other), it was all made in large rolls, small rolls packed in jars, crocks and pans. Some was made in round prints and wrapped in oil paper, and some of the large rolls were also wrapped in oil paper.

The clerk weighed a basket of eight-pound prints, and they tipped the scales at six and one-half pounds only. I asked him what he paid and he said 18 cents.

I tasted the butter. It was good and the merchant would have been glad to pay 25 cents, the same as I got, but he said he could not sell for more than 18 cents because it had a mussy-looking appearance.

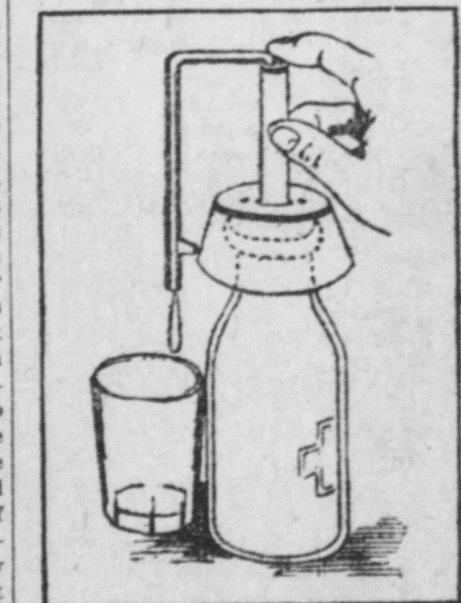
If each one of those people would pay \$1.25 for a brick-shaped mold that will make an extra pound; 50 cents for a roll of parchment paper seven and one-half inches wide, tear the paper with the aid of a ruler into sheets ten and one-half inches long, dip these into cold water and wrap each pound neatly, pack them neatly in a clean box lined with white paper, I assure you that they can then get 25 cents per pound for their butter and the gain in price will give them a good many dollars to put into their pockets.

It will not take ten minutes longer on churning day to do this, and the knowledge of putting a first-class article on the market in first-class condition will repay in itself. It is not best to use the oiled paper. It is impossible to handle the butter without tearing it and it makes the butter look any way but well.

BOTTLE SIPHON FOR LIQUIDS

Handy for Use When Desirable to Remove Milk From Bottom Without Disturbing the Cream.

For the separating of liquids of different gravities, a Connecticut man has designed the apparatus shown herewith. For the purpose of explanation it might be called a bottle siphon, though its use, of course, is not restricted to milk and cream. But supposing it was desirable to remove milk from the bottom of a bottle without disturbing the cream at the top. A cap fits over the mouth of the bot-



Milk Bottle Siphon.

tle and a tube runs through the cap. In this tube are the long end of the siphon and a plunger for creating a pressure in the bottle to start the flow through the siphon. The long arm of the siphon can be thrust down to the bottom of the bottle and the liquid at the bottom can be drained off without disturbing that at the top.

DAIRY NOTES

Good pasture lands are the basis of successful dairy farming. To make dairying a success we must make it of interest to the boys. Get your cows started right for the coming cold weather and they will do well in winter. Summer or winter, a good dairy thermometer pays its way wherever dairy cows are kept. Give the cows a chance to get under the shed every night now. If too cold keep them in the stable. Keeping the cows comfortable is a neglected point in the management of the herd during the fall months. The best cows are never cheap, and are seldom for sale; so it pays to give the heifer calves the best of care. The milk pail should be the main consideration, but not the sole one in judging the value of the dairy cow. Green fodder at the tall end of the summer is relished by the cow as ice cream is relished by the school children.

The price of dairy animals is steadily rising, and the demand for good, young dairy cows is greater than the supply. The strong cow can eat and digest large quantities of food, and this is essential for the production of big milk yields.

COACH STAGG OF MAROONS IS RESOURCEFUL



Alonzo A. Stagg, Coach of Chicago University Football Team.

It would take a brainier man than any critic present at the recent Maroon-Purdue game to tell whether Chicago had a good team or a poor one, for Chicago played marbles rather than football. Only one thing was shown, that Chicago must better its tackling. Aside from that there was not a strong or weak point brought out.

Chicago showed herself the most contradictory team in the country in this game. At times the Maroons did some brilliant work in particular lines, but on the next occasion they were given came through with about as gross an attempt as possible. More

than one critic was of the firm conviction the Maroons were playing possum for some of their "bonehead" work was so coarse that it is difficult to see how men who ever had seen a football could have been guilty unless it were intentional.

Coach Stagg was said to have given the Maroons at least a half dozen intricate forward pass formations for the Purdue contest, but if he did that, the weakness of the Lafayette eleven enabled Paine to treasure these plays and have them fresh to use in future contests. However, the resourcefulness of Coach Stagg must not be underestimated.

WRESTLING IS ROUGH SPORT

Inhabitants of Iceland Fond of All Sorts of Outdoor Games—Horse Racing Is Popular.

E. M. Newman, the traveler and lecturer, tells an interesting story about a wrestling bout that he witnessed in Iceland last summer.

"The inhabitants, or rather the sporting fraternity in Iceland, are very much interested in all sorts of outdoor sports," said Mr. Newman. "They have developed a sort of catch-as-catch-can style of wrestling that is as unique as it is rough and is entirely different from the game as it is known in this country.

"Each contestant has a strap firmly fixed about his loins. The wrestlers get their grips on this strap. Tripping and body holds are absolutely barred, the object being to raise the opposing contestant into the air by means of the strap and then to drop him on his back. It is a very rough sport, broken bones being the rule rather than the exception. Wrestling bouts are very popular in Iceland.

"Horse racing is also a popular sport with this northern people. In Reykjavik, the capital of Iceland, there is a splendid race course where meets are held at regular intervals. The Iceland ponies are very similar in appearance to Shetland ponies but they are sturdier and faster of foot. Great excitement prevails in the city while the races are on, the people coming from all parts of the island.

"Betting is wide open, fast and furious. It is no unusual thing for a man, who has spent months on a whaling expedition, to wager his entire earnings and all his possessions on his favorite pony."

Football Shakespearians.

"Down! Down!"—Henry V.
"Well placed."—Henry V.
"An excellent pass."—The Tempest.
"A touch, a touch, I do confess."—Hamlet.
"I do command you to their backs."—Macbeth.
"More rushes! More rushes."—Henry IV.
"Pell mell, down with them!"—Love's Labor's Lost.
"This shouldering of each other."—Henry VI.
"Being down I have the placing."—Cymbeline.
"Let him not pass but kill him rather."—Othello.
"This sport to maul a runner."—Antony and Cleopatra.
"I'll catch it ere it come to ground."—Macbeth.
"We must have bloody noses and cracked crowns."—Henry IV.
"Worthy sir, thou bleedest; thy exercise hath been too violent."—Coriolanus.
"It's the first time that ever I heard breaking of ribs was sport."—As You Like It.—Boston Transcript.

How Boston Landed Bedient.

Jack Dunn, manager of the Baltimore Orioles, is the man who caused Bedient to get his job with the Red Sox last spring. He offered \$5,000 for him to come to the Orioles last December, but John I. Taylor thought it was worth that for the Orioles he was certainly worth that to the Red Sox.

Job for Kitty Bransfield.

Kitty Bransfield, who took the management of the Montreal team with the understanding that he should not be held to the job more than the one season, is now said to be willing to continue as team leader for the Royals and Montreal wants him back, for the team made a great showing in the last month of the season.

WOMEN IN TENNIS CONTESTS

California Players Make Overtures to Secure Leading English Experts for Winter Games.

California lawn tennis players are making overtures to the English association with a view to bringing over to this country a team of the leading



May Sutton.

women players to compete along the Pacific coast during the coming winter season. Ever since the successful campaign which May Sutton made of the English courts a few years ago, finally winning the all-English championship, there has been an effort to establish an international series for women of the United States and Great Britain.

NOTES of SPORTDOM

Tyrus Cobb declares he will bat over 400 next year.

George Simmons has been turned over by the Highlanders to Rochester.

Manager Frank Farrell of the New York Yankees has reserved 34 players for next season.

Hugh Bedient, star twirler of the world series, has decided to spend the winter on a farm.

Cy Young has received an offer to manage the Portland team next year, and may accept it.

A New York paper says Frank Chance is now mentioned as the next manager of the Brooklyn team.

The directors of the Three-I league have boosted the salary limit to \$2,500, a \$600 increase over last season.

They have started playing polo on bicycles at St. Louis. Next they'll be playing shuttlecock in aeroplanes.

Stagg doesn't believe in building air castles until he constructs something tangible in the way of a football team.

Manager Jake Stahl of the Red Sox, who has about five per cent of the stock, cleared up about \$35,000 this year.

Speaker's earnings for the year amounted to something near the tune of \$14,000. Joe Wood gathered something like \$13,500.

The Gophers are scouring the woods hunting for spies. Every particular knot hole is being examined with a field glass of high power.

Bobby Veach, the Indianapolis player, played sensational ball after joining the Detroit Tigers, and will, no doubt, be on the job in Tigerville next season.



Harold—Whenever I go skating, I always wear a cap that pulls down well over my ears.
Ellyn—Yes; I should think that would be absolutely necessary when you're skating against the wind.

SKIN DISEASE ON FACE

Barthell, Ky.—"I had a skin disease on my face, neck and hands that tormented me all the time and when I would get hot the places would burn so that I had to keep my face wet in cold water. It began as pimples and indeed it was disfiguring, for it would get in spots on my face and hands as large as a quarter of a dollar. It would get into blisters sometimes and I sure did suffer. My face burned all the time. It was this way so bad for about six years and I tried everything that I could hear of, but nothing did any good.
"One day I found the Cuticura Soap and Ointment advertised and ordered some at once. I would wash my face good with the Cuticura Soap and then apply the Cuticura Ointment and they have cured me. It would take half a tablet to tell all I suffered in those six years." (Signed) Mrs. Della Hill, Jan. 3, 1912.

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32-p. Skin Book. Address post-card "Cuticura, Dept. L, Boston." Adv.

Paid Minister in Tinfoil.

The meanest man in the world has been found. He is the man who gave the Rev. Thilo Gore, pastor of the German Lutheran church, an envelope filled with tinfoil for marrying him. The bride and groom rang Dr. Gore's doorbell late one night and asked him to marry them. As they had a license, he did so. After the ceremony was performed the man handed the minister an envelope which was supposed to contain the fee. He found it contained nothing but several pieces of tinfoil.—Chicago Tribune.

The Crooked Way.

District Attorney Whitman of New York, according to the Washington Star, was talking about the sad case of a western banker who had stolen a great sum from the depositors. "The man," said Mr. Whitman, "lived beyond his means—motor cars, a house with eleven baths, son at college, daughter coming out, wife hungry for diamonds. The inevitable result followed."
Mr. Whitman smiled and ended: "The unfortunate fellow got straitened, so he became crooked."

Important to Mothers

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the Signature of *Dr. J. C. Fitch*. In Use For Over 30 Years. Children Cry for Fitch's Castoria

Summer Styles.

Patience—I see the suffragettes have come out against the secret ballot.
Patrice—Yes, women, as a rule, prefer open-work.

DOES YOUR HEAD ACHE?

Try Hicks' CAPUDINE. It's liquid—pleasant to take—effects immediate—good to prevent Sick Headaches and Nervous Headaches also. Your money back if not satisfied. 10c, 25c, and 50c. at medicine stores. Adv.

The Kind.

"How did they succeed in catching that defaulting aviator?"
"With a fly detective."

TO DRIVE OUT MALARIA AND BUILD UP THE SYSTEM

Take the Old Standard GLOVES TASTELESS CHILLI TONIC. You know what you are taking. The formula is plainly printed on every bottle, showing it is simply Quinine and Iron in a tasteless form, and the most effective form. For grown people and children, 50 cents. Adv.

If a newly wedded man has no secrets from his wife it is rather hard on the other women he might have married, but didn't.

Most of our so-called good intentions are base imitations.

The Stomach Is the Target

Aim to make that strong—and digestion good—and you will keep well! No chain is stronger than its weakest link. No man is stronger than his stomach. With stomach disordered a train of diseases follow.

Dr. Pierce's Golden Medical Discovery

makes the stomach healthy, the liver active and the blood pure. Made from forest roots, and extracted without the use of alcohol. Sold by druggists, in liquid form at \$1.00 per bottle. For over 40 years, giving general satisfaction.

If you prefer tablets as modified by E. V. Pierce, M. D., these can be had of medicine dealers or trial box by mail on receipt of 50c in stamps.

Quite the Thing.

"I told you that if you came tomorrow morning I would give you the money for my wash. Why did you come tonight?" said Miss Phillis to the daughter of her laundress.
"I know you said tomorrow mornin'," responded the girl, "but me mother she told me to come tonight, 'cause she was afraid you might be gone away by tomorrow mornin'."
"I certainly should not go without paying my laundry bill," said Miss Phillis sharply. "No respectable woman would do such a thing."
"Oh, yes, ma'am, they would," replied the child knowingly. "There's lots of respectable ladies does."

Hard to See Under Water.

There is no scientific instrument of the "scope" character which enables one to see down to 50 or 60 feet under water. When the sun shines vertically over water, a box or bucket with a glass bottom is often used to look into the water. A cloth covering to exclude light from the box or bucket is sometimes employed. But without electric or some other light in the water these devices are not very satisfactory.

Many Children Are Sickly.

Mother Gray's Sweet Powders for Children Break up Colds in 24 hours, relieve Feverishness, Headache, Stomach Troubles, Teething Disorders, move and regulate the bowels, and Destroy Worms. They are so pleasant to take children like them. Used by mothers for 22 years. At all druggists, 25c. Sample mailed FREE. Address, A. S. Olmsted, LeRoy, N. Y. Adv.

Really a Small Matter.

"Have you anything against Timbers?"
"Nothing more than the fact that he makes 'film' a word of two syllables."

Paradoxical Misfortune.

"There is nothing in this place but soft drinks."
"Just my hard luck."

Droopy cured. Swelling quickly reduced. Shortness of breath relieved in a few hours. Sample treatment free. COLLIER BROTHERS, ALBANY, N. Y. Adv.

It's easy to feel optimistic as long as things are coming your way.

Lameness

Sloan's Liniment is a quick and reliable remedy for lameness in horses and other farm animals.

"Sloan's Liniment surpasses anything on earth for lameness in horses and other horse ailments. I would not sleep without it in my stable."
—MARTIN DOYLE, 432 West 19th St., New York City.

Good for Swelling and Abscesses.
Mr. H. M. Gibbs, of Lawrence, Kan., R. F. D. No. 3, writes:—I had a mare with an abscess on her neck and one 50c bottle of Sloan's Liniment entirely cured her. I keep it all the time for galls and small swellings and for everything about the stock."

SLOAN'S LINIMENT

is a quick and safe remedy for hog cholera.

Governor of Georgia uses Sloan's Liniment for Hog Cholera.
"I heard Gov. Brown (who is quite a farmer) say that he had never lost a hog from cholera and that his remedy always was a tablespoonful of Sloan's Liniment in a gallon of slops, decreasing the dose as the animal improved. Last month Gov. Brown and myself were at the Agricultural College building and in the discussion of the ravages of the disease, Gov. Brown gave the remedy named as 'unfailing.'"
—"OBERLIN."

SAVANNAH DAILY NEWS.
At All Dealers, 25c., 50c. & \$1.00.
Sloan's Book on Horses, Cattle, Hogs and Poultry sent free.
Address Dr. Earl S. Sloan, Boston.

PREVENTION

better than cure. Tutt's Pills if taken in time are not only a remedy for, but will prevent

SICK HEADACHE,

biliousness, constipation and kindred diseases.

Tutt's Pills

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