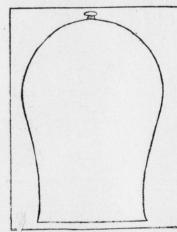


BITTING A SUCKING COW.

Wire Contrivance and How to Adjust It on Animal.

Use a wire about the size of telegraph wire. Have it long enough to go through mouth as a bit and to hook



Prevents Seif-Sucking.

together behind the ears as a head stall. The bit will prevent her tongue from getting in suction shape, but, declares the correspondent of the Valley Farmer, she can eat and drink as

SALTING BUTTER.

Even Distrubution of Moisture Essential to the Process.

The following thoughts were suggested to the writer by reading a report from the Iowa station:

No established rule for salting butter properly can be given. The butter maker will have to be governed entirely by local conditions.

The amount of salt to be incorporated in the butter depends directly on the amount of moisture the butter contains. Butter fat is not a salt dissolving substance. This can be done only by the moisture in the butter. The first thing, then, to get a uniform amount of dissolved salt in butter is

to get a uniform amount of moisture.

The water should be evenly distributed through the mass of butter. If it is present in pockets or crevices in the butter when the salt is added, much salt will be lost in the form of brine, besides those particles of butter near the pockets will contain more salt

than those farther away.

Best results are obtained by allowing the butter to drain well after washing and then apply the salt. In no case should salt be added till the buthas assumed a gathered condition.

When the butter is medium soft after being worked, it has been found that from three-fourths to an ounce of salt for each pound of butter is not far from the correct amount.

DAIRY DOINGS.

A separator is easily washed after the owner learns how to do it.

Denmark has about 1,300 creameries and they make annually about 100,000 tons of butter.

Every intelligent man can make dairying pay because intelligent methods always win.

The man that owns a separator can often sell sweet skimmilk to city people at a good price.

So far as is possible avoid metals about butter. The salt will cause rust and stain the butter,

the sun when not in use. The feeding of grain or a highly nitrogenous food is always dangerous

when carried to excess. The green pasture is a healthy place for the cows, if no diseased animals

are permitted to graze on it. One extra good cow will produce

better results at the end of the year than three or four poor ones.

Every time a dairy cow is abused or frightened her milk and butter machinery is thrown out of gear.

Fattening old cows for beef is not generally a very profitable operation and it becomes less so as corn goes higher in price.

The Mean Dog.

When the cows come down to the stables with their heels all slit up, their tails swinging wildly in the air and a dog tight to their starboard quarters, don't be surprised if you get scanty milk of a decidedly poor qual-The price is just what you ought to pay for allowing a mean dog in your yard, says Farm Journal. Good, intelligent dogs, or none, should be the

Breaking the Calf to Drink.

It requires a sweet disposition as well as sweet milk to break the calf to eat from the bucket. One can make about as much success with the handfed calf on sour milk as on a sour disposition.

Cow's Milk.

Cow's milk will be consumed by nearly every living creature. However, it rarely can be made to take the place of water. Every form of life living upon it, from the infant to the calf, pig or colt, requires water in addition to

MEANS SUCCESS OR FAILURE.

Knowledge in Dairying Is of the Most Vital Importance.

Knowledge is valuaable in dairying to a very great extent, more so than in some other occupations of an agricultural nature. The effect of a single piece of information may make all the difference there is between success and failure in dairy operations. This is true in the matter of feeds, especially, for it is very easy for a man to go on feeding his cows a food that costs a great deal and yet that will produce less result than a food that costs less. We had an illustration of this during the long years when farmers raised and fed to their cows timothy hay rather than clover hay. Some even went into the markets and purchased timothy hay at a higher price by 50 per cent. than they would have had to pay for sweet, bright clover hay. This was due to ignorclover hay. This was due to ignorance of the feeding value of the two kinds of hay, the clover being worth more ton for ton than the timothy. Think of the vast sums of money that

of this one item.

What is true of the two kinds of hay is also true of the concentrated feeds There is a certain prejudice in favor of a certain concentrated feed in each neighborhood and this is allowed to dictate the course to be followed rather than the choice of feeds after thorough investigation. Many of the mills are now turning out brans that are of little value for feeding This is true, too, of the kind of feed known as "shorts," which in some cases consist of bran ground over and over till they are fine. The man that will inform himself about the various kinds of concentrated feeds will be able to feed intelligently and

have been paid out alone on account

that is a good way to save money.

The value of knowledge as to the capacity of cows is very great. The man that begins the study of his cows as to their capacities and the results they are giving will be able to turn off his poorest cows and get better ones in their places. Some of our dairymen and farmers would be able to make good profits out of their herds of cows if they would do this, while at the present time they are just about mak-

AGE TO BREED HEIFERS.

Time Varies with the Animal and the Purpose She Is to Serve.

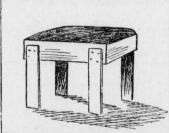
Farmers differ as to the best time to breed heifers. It is probably true, as a whole, that most of our heifers are bred too young which undoubtedly decreases their size and efficiency. If want all the size possible heifers should not be bred before they are 10 or 20 months old. If they are bred younger than this they will undoubtedly be somewhat stunted and will never attain the size they would have had if the gestation period had been delayed until later in life. Dairy heifers that are milked by hand can be bred earlier than the beef heifers for the reason that milking by hand is not so great a tax on the system as is the sucking of a vigorous calf. Then, too, dairy capacity should be developed as early as possible. To make the best kind of a beef cow a heifer should not be bred until she is 18 to 22 months old. Of course considerable depends upon the size of the heifer when bred which in turn depends on the way she has been raised. Some heifers are too sma` to breed until they are two years old because they have not been properly Then again, says The Farmer, other heifers which have made the greatest possible gains in early life are suitable to breed before the average age. Breeding at an early age will of course tend to promote proficiency and it will also sometimes tend on the other hand to weaken the system so that disease is likely. Many cases of habitual abortion are due to Sunshine is a great enemy of bacteria. Place the milking utensils in fore her system was strong enough to sustain the strain of pregnancy. that we should not breed beifers until they have the size of a normal 18months-old heifer or until they show by their vigor and health that they are

A COMFORTABLE MILK STOOL.

fit for the duties of maternity.

Beat Is Cushioned to Make Long Task Easier.

Make a box of inch boards 12x16 inches and 4 inches deep. Make legs three inches wide, nine inches long.



The Milking Stool.

Then take a piece of grain sacking, nail to three sides of stool and stuff with excelsior or something similar. In Wisconsin, where we milk three hours a day, writes the correspondent of the Missouri Valley Farmer, we and the need of cushions.

Winter Killing of Crops.

Crops rarely winter kill on soils which are well drained. It is the presence of a great deal of water that can not drain away that causes the crops to winter kill. Under drainage by means of tile is the only remedy.

HERITAGE OF CIVIL WAR.

Thousands of Soldiers Contracted Chronic Kidney Trouble While in the Service.

The experience of Capt. John L. Ely, of Co. E, 17th Ohio, now living at 500 East Second street, Newton, Kansas, will interest the thou-



sands of veterans who came back from the Civil War suffering tortures with kidney complaint. Capt. Ely says: "I contracted kidney trouble during the Civil War, and the oc-

casional attacks finally developed into a chronic case. At one time I had to use a crutch and cane to get about. My back was lame and weak, and besides the aching, there was a distressing retention of the kidney secretions. I was in a bad way when I began using Doan's Kidney Pills in 1901, but the

remedy cured me, and I have been well ever since."
Sold by all dealers. 50 cents a box.

Foster-Milburn Co., Buffalo, N. Y. JOKE ON THE CONGRESSMAN.

Waiter Drew Wrong Inference from Guest's Attitude.

A Georgia congressman gleefully tells of an experience during his last visit to New York.

The representative had put up at an American-plan hotel. When, upon sit-ting down at dinner the first evening of his stay, the waiter obsequiously handed him a bill of fare, the conhanded him a bill of fare, the conhan me a good dinner."

As the last tip was given, he mentioned that he was about to return to Washington.

Whereupon, the waiter, with an ex-"Well, sir, when you or any of your friends that can't read come to New York, just ask for Dick."—Harper's Weekly.

The Peaceful Joy of the River. An ingenious Spaniard says that "rivers and the inhabitants of the watery element were made for wise men to contemplate and fools to pass by without consideration." And though I will not rank myself in the number of the first, yet give me leave to free myself from the last, by offering to you a short contemplation, first of rivers, and then of fish; concerning which I doubt not but to give you many observations that will appear very considerable; I am sure they have appeared so to me, and made many an hour pass away more pleasantly, as I have sat quietly on a flowery bank by

New to Him.

a calm river.-Isaac Walton

The leading lady of a road company playing in one of the smaller cities in Ohio concluded that she would press some of her lace collars one morning. She accordingly rang the bell, and when the hall boy appeared said:

"Bring me up a hot iron." In course of time he returned empty handed, and when the lady answered

his knock he said: couldn't get it for you, lady."

"And why not?" she asked, mysti-

"The bartender said he didn't know how to mix it."

Her Bad Break.

"Here's a pretty good coat, if you want it," said the farmer's wife, with a generous smile. Young Hilary Wearinesse,

tramp, spoke politely, yet with some slight hauteur. kindness, ma'am," he said,

"should be a sufficient excuse for yer ignorance; but ye oughter know I can't wear no sack coat with this here silk hat."

Dutch at Home and Abroad.

Holland has a population of only 5, 000,000, but there are 40,000,000 of people in the Dutch East and West In-The Dutch are not at present much addicted to emigration. United States, at the time of the last census, there were only 105,000 persons of Dutch birth. The number of Netherlanders in the Dutch East Indies is barely 12,000.

FOUND OUT.

A Trained Nurse Made Discovery.

No one is in better position to know the value of food and drink than a trained nurse.

Speaking of coffee, a nurse of Wilkes Barre, Pa., writes: "I used to drink strong coffee myself, and suffered greatly from headaches and indiges-While on a visit to my brothers I had a good chance to try Postum Food Coffee, for they drank it altogether in place of ordinary coffee two weeks after using Postum I found was much benefited and finally my headaches disappeared and also the

"Naturally I have since used Postum among my patients, and have noticed a marked benefit where coffee has been left off and Postum used.

"I observed a curious fact about Postum when used among mothers. It greatly helps the flow of milk in cases where coffee is inclined to dry it up, and where tea causes nervousness.

"I find trouble in getting servants to make Postum properly. They most always serve it before it has been boiled long enough. It should be boiled 15 to 20 minutes after boiling begins and served with cream, when it is cer tainly a delicious beverage." Road to Wellville" in pkgs. "There's a Reason."

WHY HE WANTED LAW.

Man Had to Be Forced Into Paths of Righteousness.

Congressman James E. Watson of the Sixth Indiana district told a story while in town recently, anent the op eration of the pure food law, and intended to illustrate his expressed theory that more people would be

good if they had to be.
"It was while we were wrestling with the pure food bill at Washington," he said, "that I got a letter from home, written by a man from whom I bought a big quantity of maple sirup each year. He urged me to fight for the pure food bill. Now, I couldn't help remembering, to save that this man bought five barrels of brown sugar at the opening of the maple molasses season. So I wrote him a note suggesting that advocacy of a pure food measure seemed odd from a man who bought five barrels of brown sugar before beginning the manufacture of his pure maple sirup. "Never feazed him. He turned my

know it, but I want the law to make me do right."—Indianapolis News. THREE BOYS HAD ECZEMA.

letter over and wrote on the back: 'I

Were Treated at Dispensary-Did Not Improve-Suffered Five Months -Perfect Cure by Cuticura.

"My three children had eczema for five months. A little sore would appear on the head and seemed very southern member pursued this plan during his entire stay in New York.

As the last tip was given by I took them to the N- Dispensary, cura Ointment and in a few weeks they had improved, and when their heads were well you could see nothing of the sores. Mrs. Kate Keim, 513 West 29th St., New York, N. Y., Nov. 1, 5 and 7, 1906."

"GONE TO THE DEVIL."

London Inn Responsible for Origin of Common Saying.

The old inns of England have been responsible for the origin of many common sayings. An instance of this is the proverbial phrase "He has gone to the devil." On Fleet street, London, near Temple Bar, was once a tavern which was known by the strictly old-fashioned name, "The Devil and Saint Dunstan." It was famous for its good dinners and excellent wines, and received a large patronage from the lawyers of Temple Bar.

It was familiarly known as "The Devil," and when a lawyer left his office to go there he usually left a notice on his door, "Gone to the Devil." There were some who patronized the tavern to the neglect of their business, and the notice was so regularly exhibited on their doors that it finally came to be used to characterize the man who was losing his grip and going to destruction.-The Sunday Magazine.

What the Poet Says.

After their honeymoon to Niagara Falls they came back and settled on the old farm.

"Gracious, Sile!" said Cynthia. "Why are you in such a bad humor?' "Making butter is blamed hard work," grumbled Sile, removing the beads from his brow.

"Oh, cheer up, Sile. Don't the poet say that it is 'love that makes the world go round'?"

"Yes, but, by gosh, it don't make the churn go round."

Important to Mothers. Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it

Bears the Chart Hitchirs In Use For Over 30 Years. The Kind You Have Always Bought.

"How far." asked the first automobilist as they met at a turn in road. "is it from here to the next town where there's a repair shop?"

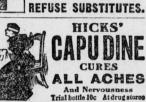
"Eleven hills, three bad bridges, one long stretch of deep sand, and two arrests." answered the second automo-



Eating. A perfect remedy for Dizziness, Nausea, Drowsiness, Bad Taste in the Mouth, Coated Tongue, Pain in the Side, TORPID LIVER. They regulate the Rowels Purely Vegetable

freut sood

SMALL PILL. SMALL DOSE. SMALL PRICE. Genuine Must Bear CARTERS **Fac-Simile Signature**



MEN ADMIRE

a pretty face, a good figure, but sooner or later learn that the healthy, happy, contented woman is most of all to be admired.

Women troubled with fainting spells, irregularities, nervous irritability, backsche, the "blues," and those dreadful dragging sensations, cannot hope to be happy or popular, and advancement in either home, business or social life is impossible.

The cause of these troubles, however, yields quickly to Lydia E. Pinkham's Vegetable Compound made from native roots and herbs. It acts

ham's Vegetable Compound made from native roots and herbs. It acts

at once upon the organ afflicted and the nerve centers, dispelling effectually all those distressing symptoms. No other medicine in the country has received such unqualified indorsement or has such a record of cures of female ills as has

Lydia E. Pinkham's Vegetable Compound

Miss Emma Runtzler, of 631 State St., Schenectady, N. Y., writes:—
"For a long time I was troubled with a weakness which seemed to drain all my strength away. I had dull headaches, was nervous, irritable, and all worn out. Chancing to read one of your advertisements of a case similar to mine cured by Lydia E. Pinkham's Vegetable Compound, I decided to try it and I cannot express my gratitude for the benefit received. I am entirely well and feel like a new person."

Lydia E. Pinkham's Vegetable Compound is the most successful remedy for all forms of Female Complaints, Weak Back, Falling and Displacements, Inflammation and Ulceration, and is invaluable in preparing for childbirth and the Change of Life.

Mrs. Pinkham's Standing Invitation to Women

Mrs. Pinkham's Standing Invitation to Women Women suffering from any form of female weakness are invited to promptly communicate with Mrs. Pinkham, at Lynn, Mass. Her advice is free and always helpful.

Cool.

"What does that stranger on the beach mean by his signals?" demanded the man at the helm. "Did you ever see the fellow before?"

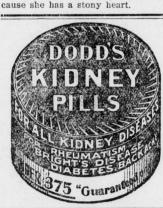
"No," answered the girl in the yachting cap, "but he has just proposed to me by wigwag, and I have accepted him. Our engagement, therefore, is off. Kindly put me ashore."

FITS, St. Vitus Dance and all Nervous Diseases permanently cured by Dr. Kline's Great Nerve Restorer. Send for Free \$2.00 rial bottle and treatise. Dr. R. H. Kline, Ld., 931 Arch St. Philadelphia, Pa.

Control your temper, for, if it does not obey you, it will govern you .-Horace.

Mrs. Winslow's Soothing Syrup.

hildren teething, softens the gums, reduces inlation, allays pain, cures wind colic. 25c a bottle. A girl isn't necessarily a peach be







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Don't let your furniture, drug, grocery or har-vare man argue about some substitute. He know there to get Codarine. You make him get it,

EXCELSION BRAND Oiled Clothing and Slickers Our Fireman's Coat is a dandy; suited also for general use. Don't accept any waterproof coat from a dealer unless it bears our trade mark shown sit bears our trade mark shown below, "Sawyers" are best. If your dealer does not carry the "Sawyers" Oiled Clothes and Slick-ers write us for catalog and prices. SAVWERS

H M. SAWYER & SON EAST CAMBRIDGE, MASS. New and Liberal Homestead Regulations in

WESTERN CANADA



lands in the grain grow-ing belts of Saskatche-wan and Alberta have recently been opened for settlement under the Revised Homestead

EXCERSION

The usands of home-steads of 160 acres each possible for entry to be made by proxy, the opportunity that many in the United States have been waiting for. Any member of a family may make entry for any other member of the family, who may be entitled to make entry for hinself or herself. Entry may now be made before the Agent or Sub-Agent of the District by proxy, (on certain conditions) by the father, mother, son, daughter, brother or sister of intending homesteader.

"Any even numbered section of Dominion and the Agent of the Mantiobao of the State of Dominion and the Agent of the State of the Sta

The fee in each case will be \$10.00. Churches, schools and markets convenient. Healthy climate, splendid crops and good laws. Grain-growing and cattle raising principal industries.

For further particulars as to rates, routes, besttime to go and where to locate, apply to

FOR SOLDIERS' HOMESTEAD RIGHTS' All soldiers who served ninety days or more in the federal army or navy between 1861-1865, and who made homestead entries for less than 180 acres on or before June 22, 1874, means that an additional right is due someone and that it can be sold to me for spot cash, no matter whether patent issued or not. If soldier is dead, his heirs are entitled. The right descends as follows: First, to the widow; and second, to the legal heirs, or next of kin. Talk to old soldiers, their widows, children, or next of kin, about this class of additional rights. Get busy right now and find some of your relatives who right now and find some of your relatives who made homestead entries in early days. It's easy money. For further information address Com-rade W. E. Moses, 80 California Building, Den-ver, Calo.



If afflicted with | Thompson's Eye Water

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\$3.00 & \$3.50 SHOES THE WORLD
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THE FAMILY, AT ALL PRIOTS.
\$25,000 (To any one who can prove W.L.
Bought of the standard of the stan DOUGI

would steen make the wear longer and are of greater value than any other make.

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**No Substitute. Ask your dealer for W. L. benglas shoes. If he cannot supply ou, send direct to factory. Shoes sent everywhere by mail. Catalog free W.L.Donglas, Brockton, Mare

Color more goods brighter and faster colors than any other dye. One 10c package colors all fibers. They dye in cold water better than any other dye. You can dy any garment without ripping apart. Write for free booklet—How to Dye, Bleach and Mix Colors. MONROE DRUG CO., Quincy, Illinois