

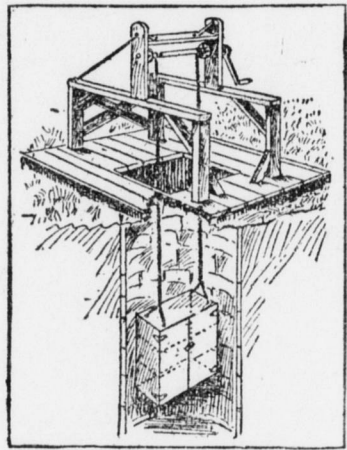
# THE DAIRY



## GOOD COLD STORAGE.

How the Well Can Be Utilized to Splendid Advantage.

On farms where ice cannot be conveniently obtained or where facilities are not at hand for storing ice the well



Milk and Butter Cooler.

may be made into a very fair substitute. The accompanying cut shows how this may be done. A windlass is placed on a frame made of two by four inch material securely braced to prevent shaking, says Hoard's Dairyman. The size of the box depends on the size and shape of the well. The box is hung by two ropes to prevent its turning and should be strengthened with galvanized iron at the corners. If the milk is to be cooled, it should be lowered into the water, otherwise the milk will not cool rapidly enough and may cause trouble from souring.

## THE MILK FLOW.

Influences Which Affect the Quantity and Quality.

Practically all the effects produced by season upon milk yields are indirect results due primarily to the influence of the season upon the food of the animals. At no period is this effect more marked in ordinary seasons than when the cows are first turned to grass. The sudden change from a dry, and more or less unpalatable food, to a succulent and palatable one, has a marked effect upon the milk. Primarily it increases the flow of serum, and this often before the improved character of the food has had time to show any effect upon the cellular formation. So, for a day or two, the milk becomes, especially in the morning, exceptionally poor, and a sample being taken, it looks bad. In such a case the appeal to the cow is useless, for in the course of a day or two nature has righted herself and the cow will give a more normal, though perhaps still a poor milk.

There is one further aspect of milk production which must now be briefly considered, says Farmers' Voice, namely, that it is a process highly influenced by the nervous system of the cow. Whatever excites the nervous system will affect the milk yield, and mainly by checking cellular growth.

It is no bad idea to think that it is the system of tethering cattle practiced in Jersey, and the consequent freedom from excitement, which has in the course of years influenced the milk of these cows, so as to cause it to be as exceptionally rich in fat, as compared with other solids, and, as compared with other cows, in the relation of cellular growth to serum secretion.

Excitement of any description, owing to its effect upon the nervous system of the cow, immediately affects her milk yield. The period of heat always causes the milk to fall off in quality, and, should the cows be served, so great is the effect upon the nervous system that the milk yield becomes quite abnormal, both the fat and other solids sinking far below the standard. But there are other sources of excitement which may have far more general effect, such as the worrying of cattle in the fields by dogs, flies, or great heat, and the excitement produced by thunderstorms. All animals dread a thunderstorm, and it has been noticed that the milk yielded at such time will produce scours in calves.

## Know a Farmer by His Stock.

When you drive up to a farmer's door, even if he is a total stranger, it does not need a Sherlock Holmes to give you a hint as to his disposition, if any of his dumb creatures are near. When horses and cattle shrink in terror from a human being, dogs bark and snarl at everybody, cats rush off with arched backs when you try to pat them, and the hens scuttle off "wild as hawks," be sure that cruelty is present. A good, kind man's cattle will be unafraid and disposed to make friends.

## The Cow Pays.

A 700-pound cow will, by the time she is three years old, step on the scales with her calf and milk products and outweigh and be of more value than a three-year-old shorthorn that is ready for the market.

Don't make the mistake of letting the cows run down on account of shortage of feed before turning to pasture.

## HOME-GROWN DAIRY FEEDS.

Prof. Thomas Shaw Urges the Farmer to Plan Ahead.

The dairyman cannot always grow all the food that he needs for his cows, but usually the farmer dairyman can. He must look ahead, however, if he is to do this, and his work must be well planned and promptly executed. When this can be done the profit is usually more than when a part of the food is purchased.

Usually the dairyman can carry his cows through from spring until fall on pasture and soiling food without the necessity of feeding grain. It may be necessary to stimulate the pastures. This can be done in good form by giving them a dressing of farmyard manure. If that is not to be had use such fertilizer as nitrate of soda and bone meal, but use them with great caution until their value for such dressing has been proven.

When the pastures become dry or fall, dairymen should have soiling food ready to supply the need. No farmer dairyman should think of going through the summer without having a supply of such food ready in case that it is needed and just when it is needed. If the supply should only be needed in part then the balance may be cut and cured as food for winter. Not a particle of it need be wasted. Among the most valuable soiling foods are alfalfa, peas and oats, corn and sorghum. Wherever these will grow the dairyman can readily cover the entire season for soiling food with a supply. Where alfalfa grows in good form, this plant alone may supply soiling food, covering a period of at least three months. Soiling foods of less value include rye, millet, soy beans and cowpeas.

Furnishing food for winter is not quite so easy. Every farmer dairyman, however, in nearly all the United States should aim to grow corn, either for the silo or to feed as cured fodder. When grown for the silo he should try and get much grain on the corn. This will lessen the need for other grain. When grown to feed dry, the aim should be to grow it fine. The dairyman who can grow corn for his cows and yet does not grow it, does not know how much he loses. More food can be grown from corn per acre for dairy cows than from any other kind of crop.

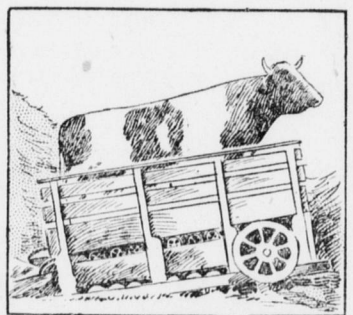
The aim should be to grow hay leguminous in character to feed along with the corn. Such hay as alfalfa, clover, peas and oats, or vetches and oats, are very suitable. If these can be supplemented by roots, as mangels, to the extent of a peck a day to each cow, very little grain will be needed, not more probably than three or four pounds a day; even less may suffice.

The grain may be grown alone, or probably what is better, in the mixed form. When thus grown, oats and wheat, oats and barley, oats and speltz, or oats and peas, make good mixtures. Of these oats and wheat is probably somewhat the best.

## WORK THE BULL.

Story of One Animal Who More Than Earns His Keep.

Exercise he must have, for unless he is properly exercised he will not be thrifty and have a vigorous constitution. This question of giving a bull proper exercise is a serious one



Sir Jacob Poesh at Work.

and the picture of Sir Jacob Poesh at work, taken from Farm and Home, shows how a bull may be made to exercise and also be of great assistance to his owner. He pumps all of the water for a large dairy, cuts feed and makes himself very useful to his owner.

His calves all come strong and thrifty since he began work, and although he weighs a plump ton, he handles himself like a kitten. I think breeders might take a hint from his picture. I would like to have a picture showing him running the machinery, but could not get a good picture in the stable.

## DAIRY WISDOM.

Do not turn the cattle on the alfalfa. The crop is too valuable to pasture.

A half-starved cow, even if she is turned on good pasture, cannot return a profit at once.

Keep the best calves. They are as good for the man who raises them as for any one in the world.

Take a little better care of the calves this year than ever before. You will get your money back.

Open up the springs that may have been closed during the winter months. Let the water that the cattle drink be fresh and clear.

A farmer who will keep a kicking cow and kick her on the udder and pound her over the back with a milking stool once or twice a day is needlessly using up a great deal of energy.

Is there a bog hole anywhere in your pasture? Fill it up. If you can't do that, drain it.—Farm Journal.

## Easy Victory for Pat.

An Englishman, an Irishman and a Scotchman were one day arguing as to which of the three countries possessed the fastest trains.

Said the Englishman, "Well, I've been in one of our trains and the telegraph poles have been like a hedge."

"I've seen the milestones appear like tombstones," said the Scot.

"Be jabbers," said Pat, "I was one day in a train in my country and we passed a field of carrots, a field of turnips, a field of parsley, one of onions and then a pond of water, and we were going so fast that I thought it was broth!"

## BABY'S ITCHING HUMOR.

Nothing Would Help Him—Mother Almost in Despair—Owes Quick Cure to Cuticura.

"Several months ago, my little boy began to break out with itching sores. I doctored him, but as soon as I got them healed up in one place they would break out in another. I was almost in despair. I could not get anything that would help him. Then I began to use Cuticura Soap and Cuticura Ointment, and after using them three times, the sores commenced to heal. He is now well, and not a scar is left on his body. They have never returned nor left him with bad blood, as one would think. Cuticura Remedies are the best I have ever tried, and I shall highly recommend them to any one who is suffering likewise. Mrs. William Geeding, 102 Washington St., Attica, Ind., July 22, 1907."

## Perversion of Type.

The Sunday school teacher was entertaining her class with what she had fondly planned to be a "social evening." To her disappointment she found that all spontaneity had been left at home with the boys' everyday clothes, and conversation dragged hopelessly until her bull terrier came into the room. He sniffed about from one shy hand of welcome to another, when suddenly a boyish voice, gruff with embarrassment, burst forth: "I had a bull pup like that once, but he grew up into a bloodhound."

## A Dreadful Secret.

Wife—Have you any secrets you keep from me, dearest?

Husband—None, darling.

Wife—Then I am determined I will have none from you, either.

Husband—Have you secrets, then?

Wife—Only one, and I am resolved to make a clean breast of it.

Husband (hoarsely)—Go on!

Wife—For several days I have had a secret—a secret longing for a new dress, with hat to match, for my birthday.

That fetched him.—Tattler.

## SKIPPING IN THE JUNGLE.



New Dinner Card Idea. From Paris comes a decorated card rack with a trail of artificial flowers that may be changed to suit the dinner colors and makes a pretty addition to the table. These racks are to hold a plain card upon which the guest's name is written and they may be used for a good many dinners, thus obviating the expense of the decorated dinner card every time one entertains.

## A Child's Idea.

Four-year-old Margaret of Alhambra was sitting by her grandmother watching the mountains. They were covered with white, misty clouds floating about over the top of the range, now and then revealing a peak.

"Oh, grandma!" exclaimed she, "the mountains are wiping their noses."

## BUILT RIGHT.

Brain and Nerves Restored by Grape-Nuts Food.

The number of persons whose ailments were such that no other food could be retained at all, is large and reports are on the increase.

"For 12 years I suffered from dyspepsia, finding no food that did not distress me," writes a Wis. lady. "I was reduced from 145 to 90 lbs., gradually growing weaker until I could leave my bed only a short while at a time, and became unable to speak aloud.

"Three years ago I was attracted by an article on Grape-Nuts and decided to try it.

"My stomach was so weak I could not take cream, but I used Grape-Nuts with milk and lime water. It helped me from the first, building up my system in a manner most astonishing to the friends who had thought my recovery impossible.

"Soon I was able to take Grape-Nuts and cream for breakfast, and lunch at night, with an egg and Grape-Nuts for dinner.

"I am now able to eat fruit, meat and nearly all vegetables for dinner, but fondly continue Grape-Nuts for breakfast and supper.

"At the time of beginning Grape-Nuts I could scarcely speak a sentence without changing words around or 'talking crooked' in some way, but my brain and nerves have become so strengthened that I no longer have that trouble." "There's a Reason." Name given by Postum Co., Battle Creek, Mich. Read "The Road to Wellville," in pkgs.

## WOMEN'S KIDNEYS.

Are the Source of Most of Women's Sicknesses.

Mrs. Rebecca Mock, 1795 E. Rich Street, Columbus, Ohio, writes: "I believe I would still be a victim of kidney troubles but for Doan's Kidney Pills, for when I started using them I was in constant pain with my back, and no other remedy had been of any use. The kidney secretions were irregular, and I was nervous and lacked energy. But Doan's Kidney Pills gave me prompt relief and continued use cured me."

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

## ON THE GLAD HIGHWAY.



"Say, boss, you hasn't er dime in yer clothes, has yer?"

"No, my man, I have not. But how did you guess it?"

How I Cured Sweeney and Fistula. "I want to tell you how I saved one of our horses that had a fistula. We had the horse doctor out and he said it was so bad that he did not think he could cure it, and did not come again. Then we tried Sloan's Liniment and it cured it up nicely.

"One day last spring I was plowing for a neighbor who had a horse with sweeney, and I told him about Sloan's Liniment and he had me get a bottle for him, and it cured his horse all right, and he goes off now like a colt.

"We had a horse that had sweeney awfully bad and we thought it was never going to be any good, but we used Sloan's Liniment and it cured it up nicely. I told another neighbor about it and he said it was the best Liniment he ever used.

"We are using Sloan's Sure Colic Cure and we think it is all right."

A. D. Bruce, Aurelia, Ia.

## Pants for the Orphans.

There is a praiseworthy custom in some families of sending all the "pants" that the boys have gone through, wholly or in part, to the asylum for orphans, and, as the orphans never mind a hole more or less, they are glad to get the garments. In one of these families a few days ago occurred a little incident bearing on this laudable custom. Fred was engaged in that extremely fascinating, but rather dangerous, sport of sliding down the banisters.

"What are you doing there, Fred?" asked mamma.

"Making pants for the poor little orphans," answered Fred.

## Where He Drew the Line.

A famous English barrister was upon one occasion called upon to defend a cook tried for murder, being accused of having poisoned his master. The barrister, after a most able and brilliant defense of the culprit, secured an acquittal. The cook, anxious to show his gratitude, said: "Tell me, sir, whatever can I do for you to reward you?" The triumphant counsel answered: "My good man do anything you can, but for God's sake, don't ever cook for me."

## In a Pinch, Use ALLEN'S FOOT-EASE.

A powder. It cures painful, smarting, nervous feet and ingrowing nails. It's the greatest comfort discovery of the age. Makes new shoes easy. A certain cure for sweating feet. Sold by all Druggists, 25c. Accept no substitute. Trial package, FREE. Address A. S. Olmsted, Le Roy, N. Y.

## He Knew the Man.

"Golly seems happy to-night. He must have money."

"Why do you think that?"

"From the way he's cracking jokes."

"Nonsense! If he had money he wouldn't be happy unless he was cracking bottles."

Garfield Tea is a natural laxative—it regulates the digestion, purifies the blood, cleanses the system, clears the complexion, brightens the eyes and brings the glow of splendid health!

## Enjoyment of it.

"A fool and his money are soon parted, my son."

"Yes, but parting is such sweet sorrow, pa."

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

People who look for trouble never look in vain.

## HOW HE SHOT THEM.

Made Little Difference to Sportsman Where His Birds Were HIT.

"Down in Florida, where I spend the greater part of the winter," said the sunburned New Yorker, "they are not so particular about observing the game laws and the little niceties of hunting as we are up north. I had frequently seen water fowl shot without giving them a chance to rise. Coming up to Jacksonville a big German got on the train at Port Orange with a nice string of duck. He sat next me in the smoker and I struck up a conversation with him.

"Nice lot of ducks you have there," I said.

"Yah," he replied.

"Where did you get them?" I asked.

"Down by de inlet up de creeks," he said.

"I suppose you shot them on the wing," I ventured, remembering the trick of the pot hunters.

"Yah," he replied solemnly, "on de wing, und in de feet, und in de head, eberywhere. Dere dey are. You can examine dem und see for yourself."

## \$100 Reward, \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature to doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that fails to cure. Send for list of testimonials.

Address F. J. CENEY & CO., Toledo, O. Sold by all Druggists, 75c. Take Hall's Family Pills for constipation.

## The Mean Man Again.

"Come on, son," said the old farmer, after the daybreak breakfast, "and we'll get out in the fields and start plowing."

"But I can't plow to-day," protested the youngster, "I have chills. Why, dad, I am shaking all over."

The old farmer grinned and took a fresh chew.

"All the better, my son. If you can't plow you can scatter the seed. All you have to do is to hold them in your hand and every time you shake it will send them in all directions. Better than a patent seeder, begosh."

## A Hard Choice.

"The man's wife is suing his affinity, and they're both pretty."

"Well?"

"This puts the tender-hearted jury up against it."—Louisville Courier-Journal.

## Do You Eat Pie?

If not you are missing half the pleasure of life. Just order from your grocer a few packages of "QUICK-PIE" and learn how easy it is to make Lemon, Chocolate and Custard pies that will please you. If your grocer won't supply you, go to one who will. "Put up by D-Zerta Co., Rochester, N.Y."

He who tells a lie is not sensible how great a task he undertakes, for he must be forced to invent 20 more to maintain one.—Pope.

It's Pettit's Eye Salve, that gives instant relief to eyes, irritated from dust, sun or wind. All Druggists or Howard Bros., Buffalo, N. Y.

The more a woman tries to look young the more she doesn't.

# Habitual Constipation

May be permanently overcome by proper personal efforts with the assistance of the one truly beneficial laxative remedy, Syrup of Figs and Elixir of Senna, which enables one to form regular habits daily so that assistance to nature may be gradually dispensed with when no longer needed as the best of remedies, when required, are to assist nature and not to supplant the natural functions, which must depend ultimately upon proper nourishment, proper efforts, and right living generally. To get its beneficial effects, always buy the genuine

Syrup of Figs and Elixir of Senna manufactured by the CALIFORNIA FIG SYRUP CO. ONLY SOLD BY ALL LEADING DRUGGISTS one size only, regular price 50¢ per Bottle

# SICK HEADACHE

Positively cured by these Little Pills. They also relieve Distress from Dyspepsia, Indigestion and Too Heart Eating. A perfect remedy for Dizziness, Nausea, Drowsiness, Bad Taste in the Mouth, Coated Tongue, Pain in the Side, TORPID LIVER.

They regulate the Bowels. Purely Vegetable. SMALL PILL. SMALL DOSE. SMALL PRICE.

Genuine Must Bear Fac-Simile Signature. REFUSE SUBSTITUTES.



THE DUTCH BOY PAINTER STANDS FOR PAINT QUALITY. IT IS FOUND ONLY ON PURE WHITE LEAD. MADE BY THE OLD DUTCH PROCESS.

Use Your Silver Every Day. Silver shine dissolved in the wash water will make it like new. Twenty-five cent package by mail. SILVER SHINE CO., 118 Ocean Street, Miami, Fla. Thompson's Eye Water. A. N. K.—C (1908—18) 2228.

**900 DROPS**  
**CASTORIA**  
ALCOHOL—3 PER CENT  
Vegetable Preparation for Assimilating the Food and Regulating the Stomachs and Bowels of INFANTS AND CHILDREN.  
Promotes Digestion, Cheerfulness and Rest. Contains neither Opium, Morphine nor Mineral NOT NARCOTIC  
Recipe of Old Dr. SAMUEL FITCHER  
Pumpkin Seed -  
Aloes Senna -  
Rhubarb Sals -  
Sage Seed -  
Syrup of Marshmallows -  
Bicarbonate Soda -  
Warm Seed -  
Cinnamon Sugar -  
Wintergreen Flavor  
A perfect Remedy for Constipation, Sour Stomach, Diarrhoea, Worms, Convulsions, Feverishness and LOSS OF SLEEP.  
Fac Simile Signature of  
Dr. H. Fitcher  
THE CENTAUR COMPANY,  
NEW YORK.  
At 6 months old  
35 DROPS 35 CENTS  
Guaranteed under the Food and Drug Act.  
Exact Copy of Wrapper.

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For Infants and Children.

## The Kind You Have Always Bought Bears the Signature of

*Dr. H. Fitcher*

# In Use For Over Thirty Years

# CASTORIA

THE CENTAUR COMPANY, NEW YORK CITY.

**DODD'S KIDNEY PILLS**  
ALL KIDNEY DISEASES  
RHEUMATISM  
BRIGHT'S DISEASE  
DIABETES  
375 "Guaranteed"

**W.L. DOUGLAS SHOES**  
\$3.00 to \$3.50  
SHOES AT ALL PRICES FOR EVERY MEMBER OF THE FAMILY, MEN, BOYS, WOMEN, MISSES AND CHILDREN.  
W. L. Douglas makes and sells more shoes than any other manufacturer in the world, because they hold their shape in the best, wear longest and are of greater value than any other shoes in the world to-day.  
W. L. Douglas \$4 and \$6 Gilt Edge Shoes Cannot Be Equalled At Any Price  
CAUTION: W. L. Douglas name and price is stamped on bottom. Take No Substitutes. Sold by the best shoe dealers everywhere. Shoes made in the U.S.A. W. L. DOUGLAS, New Britain, Mass.