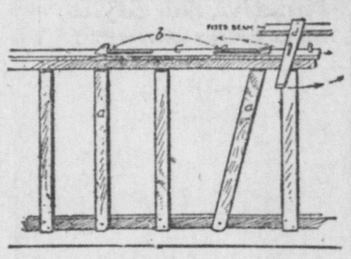
The DAIRY

PROTECTING COWS FROM FIRE

Lever Attached to Stanchions Will Open Them All at Once—Quite Handy at All Times.

Just the other day a dairyman near here lost 17 head of good cows in a fire. The cows were fastened in their stanchions in the barn when the barn burned. One of the men risked his life to go in and open the stanchions of two of the cows, but the fire was so intense that the others perished, writes Augustus Merrill of Tulare county, California, in the Farm and Home.

I have always been afraid of fire ever since. I built my new barn in which I invested a big sum, and I have taken many precautions to save the stock in case something should happen. One of the things that is very useful is a lever at the end of each stanchion row that will unfasten all of the cows in that row at once. There are 20 cows on one side and 15 on the other, and the levers are near the door where one could get at them even though there were quite a blaze inside.



Lever Releasing All Stanchions.

The drawing shows how these levers are fastened to the stanchions to open them all at once. Instead of one timber at the top there are two. The uppermost, c, is a 2x4 that moves on top of the other. This 2x4 has slits in it in which the stanchion timbers are moved. The lever, d, at the end is attached to c and will either open or close all of the stanchions at once. To prevent accidents, the lever is fastened with a wooden pin, either open or shut as the case may be.

Besides being a good thing in case of fire, it is very handy in everyday use. When I am ready to let the cows out I open the stanchions all at once. When the cows come in, they take their proper places, and when they are quietly eating their silage the lever is operated and they are all fastened at one time.

DRIED GRAINS TO DAIRY COW

Really More Valuable, Pound for Pound, Than Bran—Animals Should Have Oat Straw.

It is our opinion that the dried grains are really more valuable, pound for pound, as a feed stuff, than the bran, and yet for the sake of variety, as well as for other purposes, we should hardly go to the extent of using grains exclusively, says a writer in an exchange. On the contrary, we think it would be better to mix the grains and the bran in equal parts by weight. This mixture would carry about 16 per cent. of protein, and, when fed in connection with good corn silage, corn stover and oat straw would make a very good ration indeed. If the amount of silage on hand will justify feeding so liberally we suggest the use of 40 pounds of it daily, and in connection five pounds of alfalfa hay as long as it will last. Ten pounds of the mixture of grains and bran, fed in connection, would be quite sufficient for the production of 40 pounds of milk, and five pounds will probably suffice for the production of 25 pounds of milk; for amounts between 25 and 40 feed in about the same proportion.

In addition to the foregoing, give the cows all the oat straw or stover they will care to eat.

JERSEY IS BEST MILKER

Highly Developed Animal Long Bred for This Purpose—Can Always Be Depended Upon.

The Jersey cow is a highly developed milk-making machine. She has been bred so long for this purpose that her characteristics have become fixed, and the descendants of a well-bred dairy cow can be depended upon. The amount of milk that she will make depends largely on the amount of food that you can get her to use.

Excellent Type of Jersey.

AGE OF BREEDING HEIFERS

Constantly Recurring Question on Which Dairymen Do Not Agree—No Danger of Stunting.

The age at which to breed the heifers is a constantly recurring question. Opinion differs considerably on this point, and unfortunately experience as related by breeders is not uniform by any means, writes E. E. Kaufman in the Town and Country Journal.

The writer has always tried to make his opinions conform to his experience and observation, but in the case of breeding the heifers his views have always been backed up by both experience and observation.

When the heifer is bred to drop the first calf at the age of two years, and in nearly all instances this can be done, the habit of giving milk is early stimulated, besides the young cow is more tractable and thus more readily brought under the environment of her new condition. With the first calf dropped at the age of two years it is better to delay the breeding for the second calf for six or eight months, but keep milking her for a year at least, in order to develop the trait of long and persistent milking. After the second calf she can be bred regularly every year.

If properly fed and handled there is really no danger of stunting the growth or undermining the constitution by early breeding. For the dairy a cow should begin giving milk as early in life as possible and the habit of persistent milking be thoroughly instilled in the animal. A heifer bred to calve at two and one-half or three years of age will be more difficult to handle and consequently not give down her milk so readily, thus bringing about a tendency to shorten the milking period when all efforts should be in the line of a long period of lactation.

Breed the heifers young, 14 to 15 months, except, possibly, in special cases, and better results will be obtained in producing large and persistent milkers.

EXCELLENT AS CALF WEANER

Device Invented by Iowa Man Will Cause Mother Cow to Take Matters in Her Own Hands.

After a certain age, of course, calves have to be weaned away from their mothers and made to feed on other things than milk. But some calves, like some infants, object to the change of diet. In the case of the calves, an Iowa man has invented a device which will cause the mother cows to take the matter in their own hands—or horns. A small board is fastened to a ring that pierces the calf's nose. Rising from the board are two spikes, and depending from it is a flexible shield of joined rings, like the ringed dish cloths for scrubbing pots and pans that some of us have seen in our mother's kitchens. When the calf attempts to suck with this apparatus on she prods her mother in the side and gets pushed away for her pains. Even if she does get her mouth to the udder she cannot suck it for the shield.

Calf Weaner.

DAIRY NOTES

Whey is not a good feed for calves and can be used only in a limited way.

Look out for those cold fall rains, put the cows up. This applies to calves as well.

Lighting, ventilation and cleanliness must be practiced before best results can be secured in the dairy.

Danish experiments show that 600 pounds of skim-milk equal in feeding value 100 pounds of corn meal.

No breed of dairy cows can continue as first-class dairy animals if the calves are allowed to run with the cows.

Calves from four to six months old frequently bloat if allowed to run on young green clover, especially if the clover is wet.

Cows in good condition and running in a good pasture require no grain feed to put them in good condition for the winter's work.

Abolish the stanchions; they have been responsible for many injured udders. When the cow is confined in the stall she needs solid comfort.

The few flies that have managed to keep their feet warm are very annoying. They stick like a burr to a dog's tail and bite with dying ferocity during the heat of the day.

Stanchions are all right for the dairy calf when it is being fed. The rest of the time it should be given liberty, where the ventilation is good and sunshine is prevalent.

NATIONALS CAME NEAR POSSESSING WOOD

Walter Johnson, the "Terrible Swede."

Where would the Washington team be today with Walter Johnson and Joe Wood, the two greatest pitchers in the game, both working on Griffith's pitching staff?

It was fate, or rather fate in the disguise of poor business ability, that prevented these two twirling stars from being team-mates on the Washington club.

In the spring of 1908, the Nationals played an exhibition game in Kansas City and Joe Cantillon watched a young pitcher strike out seven of the nine batsmen that faced him in the last three innings. The name of this young player was Joe Wood. Cantillon made arrangements to secure Wood right then and there. The Washington manager was given to understand that when the time came to dispose of Wood, the National club would be given first chance.

Cantillon allowed the prospective deal to go at that and during the summer Boston purchased Wood without Cantillon ever being consulted or given a chance to bid for Wood.

With Wood and Johnson on the pitching staff the Washington club, with its present field and batting strength, probably would have won the American League pennant.

And how sweet that world's series would have looked to Griffith with that dependable pair in harness.

Joe Wood of Boston.

NOTES of the DIAMOND

Welchonce led the Southern league in batting this year with an average of .331.

Frank Chance talks right out from the shoulder when he has anything to say at all times.

One hundred and fifty-seven runs were made in the New York State league during the last season.

The Athletics will take a Cuban trip this fall, leaving for Havana on October 26, to be gone about three weeks.

President McAleer of the Boston Red Sox was a member of the Cleveland team when it won the Temple cup series in 1895.

Horace Fogel is in favor of a contract to pay his young pitcher by piece work. Horace must think a ball team is just like a sweatshop.

It now develops that the Giants won the pennant because they won the most most games. They're making new discoveries every day.

Taylor, Indianapolis pitcher in the American association, had a lovely season. He worked in nine games and didn't get a hit or a win.

Although the fans like to encourage a youngster in learning they do not care much about having to sit through three or four hours of game to see him do it.

Tris Speaker, the all-round sensation of the year, unlike Cobb, does not play to the grandstand in going after the ball, but leaves out all the frills and fancy work.

Umpire Dineen states as his official opinion that the Highlanders will go some next year. He believes that the team as it stands today is not greatly inferior to the Red Sox.

Winning the National league pennant this year with the Giants, McGraw will equal the late Frank G. Seele's enviable record of managing five National league champions.

ST. PAUL WAS BASEBALL FAN

Players From Four Major League Teams Hear Divine Liken Game to Biblical Incidents.

The Rev. Dr. Christian F. Reisner, pastor of Grace Methodist church, said in a baseball sermon on "You're Out," the other Sunday evening in New York, that the "Bible is the book of rules for the game of life," and he was sure that St. Paul would have been a fan had the game been played in his day.

Dr. Reisner went among baseball men to get material for his discourse and talked with 40 players. He also found time to read Matty's famous "Pitching in a Pinch." It was estimated that more than 1,000 persons were in the church, including several Giants, Dodgers, Pirates and Cardinals. Dr. Reisner said:

"Every baseball player must be careful of his morals. No gritty player wants to be put out. That is why he wants to fight the umpire. Many get put out of the playing permanently when it might be avoided. That is equally true in life's game.

"St. Paul was interested in all athletic sports of his day, and used them as illustrations to carry his truth. He feared that after preaching to others he might be a castaway, that is an 'out' in the end. He played to win. That is what we must do."

"Being put out," the clergyman said, "is due to overanxiety."

Cleveland Gets Liebold.

The Cleveland club announces that the national commission has awarded it Outfielder Liebold of the Milwaukee American association team. Prior to the annual drawing Cleveland put in drafts for Liebold and Chappelle of Milwaukee. The Chicago Nationals drew Shortstop Russell Blackburne of Milwaukee in the draft. They canceled the draft and he was awarded to the Chicago Americans, who also canceled. Cleveland, next in line, took Liebold.

Collins Makes Record.

Eddie Collins established a new record for the American league, pilfering six bases in one day. This was off Catcher Kocher of Detroit

SHE COULD ANSWER FOR HIM

Little Comfort for Candidate in Reason Assigned by Wife for Her Being Confident.

Mr. Williams, one of five candidates for the office of sheriff in one of the northern counties of Wisconsin, was making a house-to-house canvass of rural district, soliciting votes. Coming to the house of Farmer Tompson, he was met at the door by the good housewife, and the following dialogue ensued:

"Is Mr. Tompson at home?"

"No; he has gone to town."

"I am very sorry, as I would have liked to talk to him."

"Is there anything I can tell him for you?"

"My name is Williams, candidate for sheriff, and I wanted to exact a promise from him to vote for me at the coming election."

"Oh, that will be all right. I know he will promise, for he has already promised four other candidates the same thing."—Norman E. Mack's National Monthly.

Daddy's Whack-Whack.

On the occasion of her last visit to a certain Baltimore household a young matron of that city found a little friend in tears.

"What's the matter with little Marie?" she asked, endeavoring to console the weeping child.

"Daddy has just given me whack-whack," the youngster replied between sobs.

"Thoughtless daddy!" exclaimed the young woman, repressing a smile. "And where did he whack-whack little Marie?"

"On the back of my tummy," was the answer.

Absorbed.

A college professor noted for his concentration of thought, returned home from a scientific meeting one night, still pondering deeply upon the subject that had been discussed. As he entered his room he head a noise that seemed to come from under the bed.

"Is there someone there?" he asked absently.

"No, professor," answered the intruder, who knew his peculiarities.

"That's strange," muttered the professor. "I was almost sure I heard someone under the bed."

Unsophisticated.

"Darling," said the fond youth, producing a ring, "which is the right finger?"

"For goodness sake, Algy!" responded the maiden, "don't you know? Nineteen years old and never been engaged to a girl before!"

It Checked Baby's Dysentery

last summer after everything else failed. We found Kopp's Baby's Friend an excellent remedy during teething and for bowel troubles, writes Mrs. R. B. Des Erma, Jerome, Mich. Sold by druggists, 10c., 25c., and 50c., or sent direct by Kopp's Baby's Friend Co., York, Pa. Go to your nearest druggist for free sample. Adv.

Usual One.

"What is the latest thing which Mrs. Cooke has in the way of a pickle?"

"I guess it is her husband."

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.

Serious One.

"What was the last operation that famous surgeon performed?"

"He cut his wife out of his will."

BACKACHE NOT A DISEASE

But a Symptom, a Danger Signal Which Every Woman Should Heed.

Backache is a symptom of organic weakness or derangement. If you have backache don't neglect it. To get permanent relief you must reach the root of the trouble. Read about Mrs. Woodall's experience.

Morton's Gap, Kentucky.—"I suffered two years with female disorders, my health was very bad and I had a continual backache which was simply awful. I could not stand on my feet long enough to cook a meal's victuals without my back nearly killing me, and I would have such dragging sensations I could hardly bear it. I had soreness in each side, could not stand tight clothing, and was irregular. I was completely run down. On advice I took Lydia E. Pinkham's Vegetable Compound and am enjoying good health. It is now more than two years and I have not had an ache or pain since. I do all my own work, washing and everything, and never have backache any more. I think your medicine is grand and I praise it to all my neighbors. If you think my testimony will help others you may publish it."—Mrs. OLLIE WOODALL, Morton's Gap, Kentucky.

If you have the slightest doubt that Lydia E. Pinkham's Vegetable Compound will help you, write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass., for advice. Your letter will be opened, read and answered by a woman, and held in strict confidence.

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All Druggists.

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will remedy these troubles. Price, 25 cents.

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If you feel "out of sorts"—"run down" or "got the blues," suffer from kidney, bladder, nervous diseases, chronic weakness, ulcers, skin eruptions, piles, &c., write for my FREE book. It is the most instructive medical book ever written. It tells all about these diseases and the remarkable cures effected by the New French Remedy "THERAPION" No. 1, No. 2, No. 3 and you can decide for yourself if it is the remedy for your ailment. Don't send a cent. It's absolutely FREE. No "follow-up" circulars. Dr. LeClerc Med. Co., Haverstock Rd., Hampstead, London, Eng.

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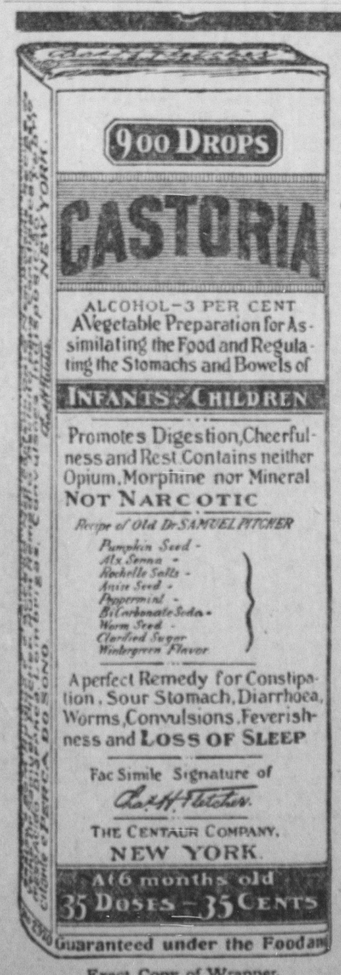

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