

QUALITIES OF BROWN SWISS

Not the Least Pleasant Feature In Connection With Breed Is Unusual Freedom From Disease.

We are milking in our dairy about 120 cows, about 75 per cent. of which are full blood or grade Swiss cows, as from our experience we have found them more persistent milkers than other breeds and they keep in better condition on the same feed, and, all around, are the most satisfactory cows we have been able to obtain. The herd average of milk is 4.2 per cent. Of course, we have found what we considered unprofitable cows



Brown Swiss Cow.

among the Swiss cattle, but by judiclous weeding have attained a standard of excellence of which we are proud, says a writer in an exchange.

Not the least pleasant feature in connection with the breed is its freedom from disease. All the cows in our herd are subjected to tuberculin test before being introduced into it and are annually tested after becoming a part of it.

It is a remarkable fact that while ten per cent, of all the common cows that we have intended to put in our herd since we commenced testing have reacted, not two per cent. of the Swiss grades and full bloods have re-

acted. As a farmers' cattle I think the Brown Swiss cattle are unexcelled; as a cattle to grade up native cows they are most prepotent; and I am satisfled that their more general introduction among the common herds of the country will certainly help to improve materially the quality of the dairy

KNELL OF OLD STYLE PAIL

Farmers Who Apply Intelligence and Scientific Methods to Their Ventures Prove Merit.

has been devised for dairies, and its general adoption by all farmers who apply intelligence and scientific methods to their ventures proves its merit. But pure air alone is not sufficient for the cow barn. No dust must be permitted to accumulate, the barns should be kept in perfect sanitary form, and the animal must be subjected to frequent cleaning operations. Scientists have sounded the knell of the old-fashioned milk pail with its flaring edges. The small-topped pail is in favor. It offers less of an opening for bacteria that may fall into the milk during the process of milking.

Some bacteria invariably are found in milk. The laboratory shows, however, that these germs are beneficial rather than injurious to the human consumers. But the presence of bacteria directly traceable to filth and insanitary conditions is at once a source of danger and a signal for medical warfare on the undesirable dairy.

"Keep the cow stable as neat and as clean as the kitchen," is the slogan of the most progressive dairymen. They are in the ascendancy. The king. Handle and feed her accordcareless, old-fashioned dairyman sees ingly. plainly the handwriting on the wall.

Whitewash for Cow Stable. In preparing whitewash for the walls, ceilings, posts of the cow barn, etc., it is best to add some antiseptic. Slack the fresh stone lime by adding water gradually and stirring it until is is a smooth, thick creamy body. Add a pint of crude carbolic acid for every ten gallons. If it is to be put on by hand, it needs only a little more quent changes of feed, should be prothinning with water. But if it is to be vided. applied by a spray pump, much more water is needed, and the wash must be strained through a cloth. The whitewashing should be done when or 600. the cows are not in the room. The doors and windows should be open to allow rapid drying. Ordinarily, it is year-round feed for all kinds of not necessary to do the whitewashing stock. oftener than every six weeks through the winter season, but let the fall application be done and very thoroughly.

Buying a Dairy Cow. It is a mistake to buy a cow for the dairy herd solely on the recommendation that she is an "easy keeper," meaning, of course, that she will conthat has the room and ability to butter fat, the more the better.

Tuberculosis Bacilli in Butter. Butter which was made from tuberculous milk has been known to infect duced, which if left to develop, at guinea pigs from 10 to 20 days after he date of its manufacture.

Careful Study of Records of Herds in Test Indicate That Silage Is Very Essential.

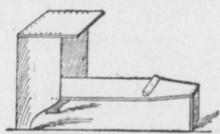
The Bureau of Animal Industry of the Department of Agriculture has two men specially engaged in giving assistance to state officials in organizing and conducting cow-testing associations. During the last fiscal year 33 new associations were formed and seven were discontinued. There are now 81 such associations in this country, the greater number of which the dairy division has been instrumental in organizing. These 81 associations comprise about 40,000 cows. An official of the dairy division in talking of the work in this direction, showed a record of two herds in one of the associations as an interesting example of what is being accomplished in enabling farmers to keep records of cost, production, etc., and to detect and remedy any shortcomings. In herd No. 1, 9,207 pounds of milk were produced at a cost of \$51.04 for feed. while in herd No. 2, 5,482 pounds of milk wer produced at a cost for feed of \$55.21. The former made a profit of \$76,22 per cow, while the other made a profit of only \$8.65 per cow. The more profitable herd was fed an abundance of silage, while to the other no silage was fed. This, of course, is not the only reason for the difference; however, a careful study of the records of these herds indicated that the unprofitable herd has been living next to a man who had a silo for a number of years, yet he did not realize its usefulness until he saw these figures, after which he built a silo at

HOME-MADE MILKING STOOLS

tions Will Prove of Satisfaction to the Milker.

FROM THE WISCONSIN AGRICUL- filled even a greater gap. TURIST.) We illustrate two types of milking stool, both of which will give satisfac-

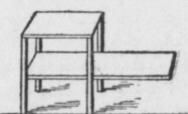
tion to the milker. The stool shown in the upper picture is the kind used by Mr. G. H. by his remarkable fielding around Smith of La Farge, Wis., who sent in third base. With a player less capable the drawing. It serves as a seat and



Smith's Milk Stool.

a solid shelf for the pall. This stool has a leg or support at the outer end of the milk pail shelf.

The stool in the lower picture is the kind used by the editor of the Agriculturist for years. We had several of these stools and found them most convenient and comfortable. We gave A wonderful system of ventilation them a good scrubbing once a week,



Comfortable Milk Stool.

and when not in use they were hung up in the stable. The space under the seat was used to hold a damp cloth which was used on each cow's udder before milking.

DAIRY NOTES

The way to absolutely know what a cow is doing is to weigh and test. The feed and feeding is the first important point in successful dairying.

The heifer calf is a cow in the ma-

cold weather. The last two years have empha-

sized strongly the importance of summer silage Care should be taken that the cow does not have to wade through filth

in the barnyard. To obtain a maximum supply of

A cow testing association should that works for or against you two consist of 25 or 26 herds, containing ways. The fast man who steals bases not less than 400 cows and better 500

From being a winter feed for dairy pitcher more or less and often helps cows silage is coming to be an all- the man who follows him to a base

The best dairy cow is the one that fortunate points to your side, but the will convert the forage raised on the attempt may waste a run for you and farm into the greatest amount of cost the game."

butter fat. That cows like a change of feed is shown by the way they will eat rotten hay, pull out old straw from the sheds, etc.

When cows are running on pasture Gulls from Chattanooga, with Demathe manure is not lost, for grass ands ree pitching. In thirteen innings he sume but little feed. The only cow need the fertilizer quite as much as allowed five hits. Chapelle pitched a some other fields.

In selecting dairy cattle it is always change a large amount of feed into difficult to judge accurately with the eye. The real test must be the weigh scales and the Babcock tester. When filth gets into milk or cream

there are innumerable germs introproper temperature multiply very rap tween frantic cheers.

IMPORTANCE OF COW TESTING EDDIE FOSTER A STAR CHIEF MYERS IS MOST NATURAL BATSMAN

His Work Has Been Beneficial to Washington.

Former Rochester Player Not Thought Good Enough for New York Giants Has Proven Tower of Strength for Griffith.

There are innumerable instances where good ball players have been let out by one major league club only to become stars for another after a little experience in a minor league. Eddie Foster is one of these. The question is often asked how Foster came to get away from New York. That club sent him to Rochester with the agreement that it would have the pick of the team in the fall. It is said that John Ganzel, the manager of that club, gave it as his opinion that Foster would not be of any help to his team, and he then consented to the sale of Foster to Washington, a deal which he undoubtedly has had reason to regret. Maurice Rath furnishes another instance of where a good ball player was allowed to slip through the hands of two major league clubs and is now making good for the White Sox with a vengeance. Philadelphia and Cleveland both had Rath, but he made good for neither because he was not played silage is very essential. The owner of at the position where he belonged. They tried him at third and he failed, while he appears to be a wonderfully clever player at second.

What a wonderful difference the addition of one man can make in a ball team is proved in the case of Foster. While of course there have been many other changes in the make-up of the Nationals since last season, none of these appears to have been as benefi-Two Handy Devices Shown in Illustra- cial to the team as the acquisition of Foster. He has filled a place where the team, has always been weak and by his clever work at the bat has

To Foster belongs the credit for most of the victories the Nationals have earned this spring. When he has not taken a part in the offensive end of the game he has prevented disaster than he covering that position, it can be easily figured that three or four of the games which have been won would have been defeats.

On what he has shown this spring Foster is a remarkably clever ball player in every respect. One wonders that a man of his ability should have spent so long a time in the minor



Eddle Foster.

Remember that the cold rain is leagues. Few third basemen have harder for the cow to stand than dry shown themselves in the same class with the little fellow, nor does it seem reasonable to suppose that his showing has been a flash in the pan, for he is keeping up his good work at a live ball. consistent rate.

Art of Stealing Bases. "Stealing bases is not for the fact milk, small pastures, allowing fre- of stealing bases alone," said Fred Clarke in discussing the running end of baseball. "It is a double-headed ax not only advances himself toward the plate, but he unsteadles an opposing on balls. Stealing bases may bring

> Demaree Wins Again. Another thirteen-inning game was played in the Southern league, this one in Mobile, and it was won by the

> bases on balls, bad throws and other

good game for the Lookouts. If Cincinnati Wins Pennant. "What would happen in this town if the Reds should happen to win the pennant?" asked one Cincinnati bug. Longview," answered his friend be-



Catcher Myers of New York Giants.

almost at will and drives out safeties i en a chance.

Joe Kelly has been made captain

Kansas City has released Chick

Joe McCarthy, Indianapolis' utility

man, has been passed down to Wilkes-

Catcher Higgins, former Chattan-

Arthur Devlin, the Boston Brave,

Catcher Al Shaw has again notified

Manager Isbell that he does not intend

Catcher Fitzpatrick, sent by St.

Look for Fred Clarke to get back

in the game with the Pirates if that

Connie Mack is sorely tried for

Jay Kirke of Boston surely is play-

ing a great game. He is a speedy lit-

tle player and can also swat that plll.

been "organizing" for six months, fin-

ally dropped its plans for this season.

hours recently Kansas City and Mil-

waukee hurlers issued twenty passes.

Manager Frank Isbell twice in suc-

cession injected himself as a pinch

It might be a good thing for the

At the rate postponements are piling

With Red Dooin behind the bat, the

Phillies seemed to recover their lost

backbone, playing and hitting like

other clubs if McGraw would give

Bugs Raymond "just one more

chance.

the season.

real athletes.

Hughes team.

back in the game.

George Kahler, a teammate.

Blanding and then some.

they used more pitchers.

names. Hohnhorst, Birmingham,

Louis Bachant, secured by St. Jo.

The freak game of the season to

Gossett and Castle are laid up.

hitter and in each case delivered a

In a game that lasted nearly three

The Mid-Coast league, which has

pitchers. What of the many young-

Paul to Mansfield in the Ohio State

plays first base as if he takes to the

ooga player, has been sent by Brook-

of the St. Joseph team.

Brandon to New Orleans.

lyn to Toronto.

position naturally.

to play ball this year.

league, balks on going.

losing streak isn't checked.

sters we heard so much about?

Manager McGraw of the Giants, with the same ease a pitcher drives says of Chief Myers: "Myers is the out fungo hits in batting practice. The most natural hitter I ever saw, even National league twirlers have all a more natural hitter than Wagner or grown afraid of the chief, and when-Lajoie. In spite of the fact that the ever he comes up in a pinch he is chief cannot beat out slow hit balls, walked. The chief dislikes such tac-I look for him to bat around .400 this tics, as he dearly loves to get a swipe self-righteous excuse for their misyear. Myers seems to hit the ball at the ball and will hit it out if giv-

M'GLYNN IS SOLD TO MOBILE

Stoney McGlynn, the famous fron man that was, whose steel arm almost swered, 'Is heaven's first law." pitched Milwaukee to a championship four years ago, is no longer a Duffydil, The veteran has been released outright to the Mobile club of the South road called the Midland Valley, which

Famous Milwaukee Iron Man Is Re-

leased to Southern Association

Team by Manager Duffy.

ern association by Manager Duffy. league when McCloskey brought him hand of a daughter from her parents here from St. Louis four years ago, and was refused on the ground that and but for an accident the old boy the daughter was too young.



Stoney McGlynn.

Seven home runs and three doubles made, when he sprained his ankle in recently were made in a U. S. league | Louisville, would undoubtedly have game. Sounds like poor pitching or a pitched the Mackmen to a pennant. The enormous amount of work he did that year knocked him off his stride, up there won't be anything but dou- and he has been on the decline ever ble-headers during the latter part of since. McGlynn still possesse a lot of his old cunning, however, and he ought to shine in the southern country, where the weather may put the iron back in his arm.

Danny Claire, secured by Des Moines Tigers Keep Their Promise. What the Detroit players said after from Wichita, looks better in a Boostthe strike was declared off: "We're er uniform than he did in that of the not going to lose anything; our fines are going to be paid; Cobb is going to Pittsburg fans are well pleased with be back with us soon; they're going to their present line-up, but still keep on hinting that Fred Clarke should get protect us against insults from the stands-and we're going to show the fans a real ball-playing club. We Vean Gregg, the Cleveland Amerihope Washington works Walter Johncan pitcher, hurt his left shoulder at son tomorrow, the best pitcher they've New York while wrestling with got. Watch us." Well, didn't they show it? They beat Walter Johnson, The Cleveland Naps are surely short 2 to Q. on baseball, but they have some long

McGraw's Salary. John McGraw's salary as manager seph from Des Moines, is doing all of the New York Nationals for the the Drummer's backstopping while next five years will total reasonably close to \$100,000. That sounds pretty blg, but the \$18,000 that McGraw redate was played by Jersey City and ceives for his salary in 1917 will no Toronto on May 9, when ten pitchers | doubt seem pitifully small in comparwere used, six by Jersey City and four ison with what some of the mogula "They'd have to put a rubber roof on by Toronto. The Skeeters won by a will get. The salaries of managers score of 13 to/12, probably because are going to advance in the next few

It's a question whether women grow old, or merely catch up with their

A large percentage of all sickness starts with unhealthy conditions of the digestive organs. Garneld Tea will set them right.

Some people are so wrapped up in themselves as to suggest human balls

When a man boasts about what a miserable sinner he used to be, the devil laughs in his sleeve.

For COLDS and GRIP

Hicks' CAPUDINE is the best remedy—rethe aching and fever-ishness—cures the
Cold and restores normal conditions. It's
liquid—effects immediately. 10c., 25c., and 50c. At drug stores.

Slightly Puzzled.

"Say, pa?" "What is it?"

of twine.

"Which union does a jack of all trades belong to?"

TO DRIVE OUT MALARIA
AND BUILD UP THE SYSTEM
Take the Old Blandard GROVES TASTELESS
CHILL TONIC. You know what you are taking
The formula is plainly printed on every bottle,
showing it is simply Quinine and Iron in a batteless
form, and the most effectual form. For grown
people and children, 50 cents.

How He Got Them.

"Dat feller 'Rastus Skinnah done bin talkin' a powahful lot 'bout how be's a-raisin' chickens."

"Sho! He doan' mean 'raisir'.' he means 'liftin'."-Catholic Standard and Times.

His Changed Fortune, "Wow! There went Smithkins in hi. new six. When I knew him a few

years ago he had a junk shop." "He still has. Only he moved it to a fashionable street, kept the same stock, and labeled it 'Antiques.' "-Judge.

One Man's Way. "Is Brimson a man who makes the

best of what befalls?" "No. When things go wrong Brimson starts to swearing and soon becomes so interested in thinking up new forms of profanity that he forgets all about his troubles."

Her Excuse.

"These people have a plausible and deeds," said Senator Bankhead, apropos of certain hypocritical lawtveakers, in an address in Fayette.

"They remind me, in fact, of a certain parson's domineering wife. We

parson said meekly one day: "'My love, you told me before the wedding that you knew our marriagy was made in heaven, yet you now order me about as if I were a slave."

"'Order,' the woman calmly an-

Slow Travel.

Down in Oklahoma they have a railis noted for its slow trains. It is told McGlynn was the sensation of the that a young man of Tulsa asked the

sustained during the last trip the club "My daughter is going to Pawhuska tomorrow for a visit," said the father, who is a traveling man, "and if she doesn't remain more than a day or two she will be old enough when she gets back."

"But she may be an old maid by that time," protested the young man. -Kansas City Star.

Delicate Point.

They are a happy Sewickley couple. They haven't been married very long. In fact, the honeymoon has barely waned. An elderly friend met the bridegroom downtown yesterday and slapped him on the back.

"Well, happy as a lark, I suppose?" "Oh, yes."

"How's the cooking?" "I have one trouble there. It's just this, my wife has been preparing angel food every day for dinner."

"You must be getting tired of it." "I am. Yet I feel a besitancy about saying anything. How soon after the honeymoon would it be proper to ask for beefsteak and onions?"-Pittsburg

WELL POSTED. A California Doctor With Forty Years' Experience.

"In my forty years' experience as a teacher and practitioner along bygienic lines," says a Los Angeles physician, "I have never found a food to compare with Grape-Nuts for the benefit of the general health of all classes of people.

"I have recommended Grape-Nuts for a number of years to patients with the greatest success and every year's experience makes me more enthusiastic regarding its use.

"I make it a rule to always recommend Grape-Nuts, and Postum in place of coffee, when giving my patients instructions as to diet, for I know both Grape-Nuts and Postum can be digested by anyone.

"As for myself, when engaged in much mental work my diet twice a day consists of Grape-Nuts and rich cream. I find it just the thing to build up gray matter and keep the brain in good working order.

"In addition to its wonderful effects as a brain and nerve food Grape-Nuts always keeps the digestive organs in perfect, healthy tone. I carry it with me when I travel, otherwise I am almost certain to have trouble with my stomach." Name given by Postum Co., Battle Creek, Mich.

Strong endorsements like the above from physicians all over the country have stamped Grape-Nuts the most scientific food in the world. "There's Look in pkgs, for the famous little

book, "The Road to Wellville." Ever rend the above letter? A one appears from time to time. The are genuine, true, and full of he interest.