

# DAIRY



## "FLY TIME" AMONG THE COWS

Some Individual Animals Seem to Suffer More Than Others—Various Remedies Suggested.

(By WALTER B. LEUTZ.)  
Midsummer is known as "fly time" in the dairyman's calendar. The marked falling off in the milk flow of the dairy cows at this season of the year is looked upon as unavoidable, and is attributed by many to the worry of the stock by flies. The failure to provide an abundance of succulent forage to supplement the parched pastures seems a trifling contributory cause of the lessening milk secretion, compared with the activity of the pesky, ubiquitous fly, especially at milking time.

The flies that are most numerous about cattle are known by their common names of the stable fly and the horn fly.

The stable fly resembles the house fly very much in appearance, but differs in having the mouth parts fitted for piercing the skin and sucking the blood of animals. The eggs of the stable fly are usually laid in horse manure, the female laying from 125 to 150 in a season. The period of development from egg to adult fly is about 15 days.

The horn fly is a new pest and was first noticed in this country about 1886. The first appearance of this fly was the cause of considerable alarm among the cattle men, and the experiment stations of the various states were appealed to for information in regard to the origin and life history of this insect and for suggestions as to agencies for repelling it.

The horn fly is a small, gray fly, very much like the house fly, but smaller, measuring about three-sixteenths of an inch in length. They have the strange habit of settling in great numbers about the base of a horn, which they sometimes completely cover, a habit which gives them their common name. They confine their attention to cattle. They burrow in the hair about the shoulder, the roots of the tail and other portions of the body where they are not easily dislodged. The injury done by the horn fly is by stinging, much like the mosquito. By means of a fine lancet they pierce the skin and suck the blood through the tube or sheath.

Some individual animals suffer more than others and dark colored animals more than light colored. These flies follow cattle to the barn at night and remain with them all the time.

Various remedies have been suggested by good authorities. Destruction of larvae in the droppings by application of lime or the immediate spreading and drying of the same.

Application of tobacco powder to destroy the flies.

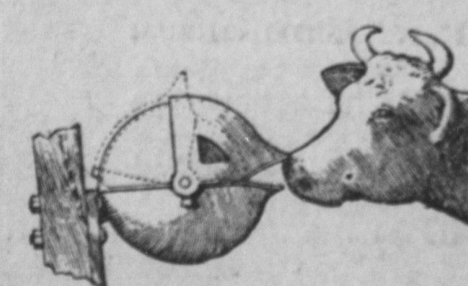
Application of one of the following repellents: Ten to fifteen per cent. kerosene in water.

Fish oil with small mixture of carbolic acid. Cottonseed oil, two parts and pine tar one part.

## FEED SALT TO LIVE STOCK

Receptacle Shown in the Illustration is Designed for Use Either in Field or Corral.

The salt receptacle shown in the illustration is designed for use in a field or corral. It affords free access to the stock for obtaining the requisite amount of salt, and at the same time protects the salt from the elements and prevents waste. The opening is protected by a hood which the animal shoves open by putting his nose under it and lifting upward. When the nose is withdrawn from the



Salt-Feeding Receptacle.

opening thus made, the hood drops down again by its own weight. A sufficient opening is always left to expose the salt and attract the stock.

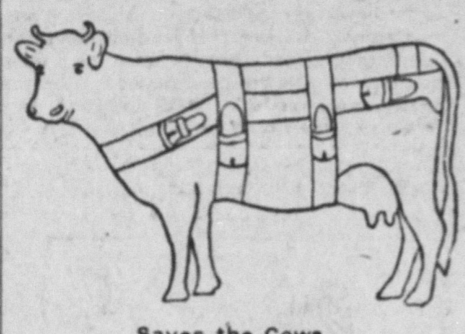
**Handling Cows in Summer.**  
There is a tradition that cows will do better in warm weather than in cold weather, but experience has disproved this fact. It is often easier to reproduce summer conditions in the winter stable than it is to thoroughly protect the stock from the pests that make them go dry in summer.

**Equipment for Dairy Farm.**  
The cream separator, the silo and the manure spreader should find a place in the equipment of every dairy farm.

## SAVES MANY VALUABLE COWS

Harness Arrangement Will Prove of Greatest Aid to Animals During Calving Time.

Many valuable cows have been lost by the womb or calf-bed following the calf. In large herds a harness, as shown, will almost always keep in the bed when there is any danger. This must be kept on for 24 hours after calving, after which time there is not much danger. The part under the tail should be extra wide and so arranged that a clean, sanitary cloth can be put next to the cow's skin. A dangerous subject very often, when lying down in the stall before calving.



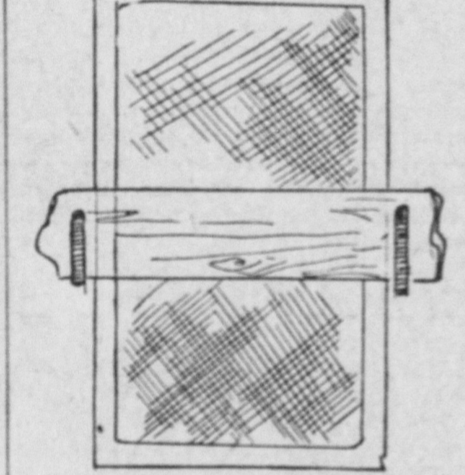
Saves the Cows.

will show an inch or so of the uterus, says a writer in the Country Gentleman. She should be carefully watched at calving, and as soon as she has calved put on the harness, which must be tightly strapped on, and then in an hour or so loosen it up to let away the after-birth or renew the sanitary cloth. It almost always happens that once a cow throws her bed she will do it again. In desperate cases two stitches can be made with a darning needle and fine white tape and left in for two days, giving sloppy drinks with a little opium in them. Raise the cow's hind end higher than her front end with inclined floor.

## GOOD STABLE SCREEN DOOR

If Made of Strong Material It Can Be Secured by Wide Board to Drop Into Brackets.

If the screen door for the cow stable is made of strong material it can be secured by a wide board to drop into brackets.



A Stable Screen Door.

brackets on each side. This protects the door and is easily made at home. One end of the board should be bolted loosely to the barn, so that it may act as a pivot and the boards be raised up when the door is opened.

**Food for the Growing Calf.**  
Growing calves should have such food as insures growth. Fat is not needed in the dairy calf. Keep the calves comfortable, summer and winter, and growth will follow as a natural result.

**Best Milk Producer.**  
Dairy farmers should not raise or buy timothy hay for cows. Clover or alfalfa is much better as a milk producer.

## DAIRY NOTES

A cross bred cow is a mistake. Each cow's udder should be thoroughly cleaned before milking.

Bloody milk or that from a sick cow should never be mixed with wholesome milk.

The uncovered cans of milk should be kept in cold water until they are delivered to the creamery.

The use of muslin in dairy windows instead of glass is said to lessen the danger from disease germs.

The secret of success in the dairy business is, test the cows, keep records, figure, know and do not guess.

The milk from a new milch cow should not be brought to the creamery until at least a full week after the cow has calved.

The stable should not be cleaned or brushed nor should silage or roughage be fed until after all the cows of the herd are milked.

## ANOTHER BASEBALL STAR ON THE STAGE



Pitcher George Witte of New York Giants.

Not to be outdone by his side partner, Christy Mathewson, George Witte, the Giants' clever southpaw, will go on the stage next winter. George will not do a monologue stunt, but will be a member of a quartet composed of three other ball players in the big leagues. Witte is in fine form this season, and should the Giants win out the show will receive a big boom.

## ON QUESTION OF MANAGERS

Which is More Capable, Bench or Playing?—Largely Matter of Individual and Personality.

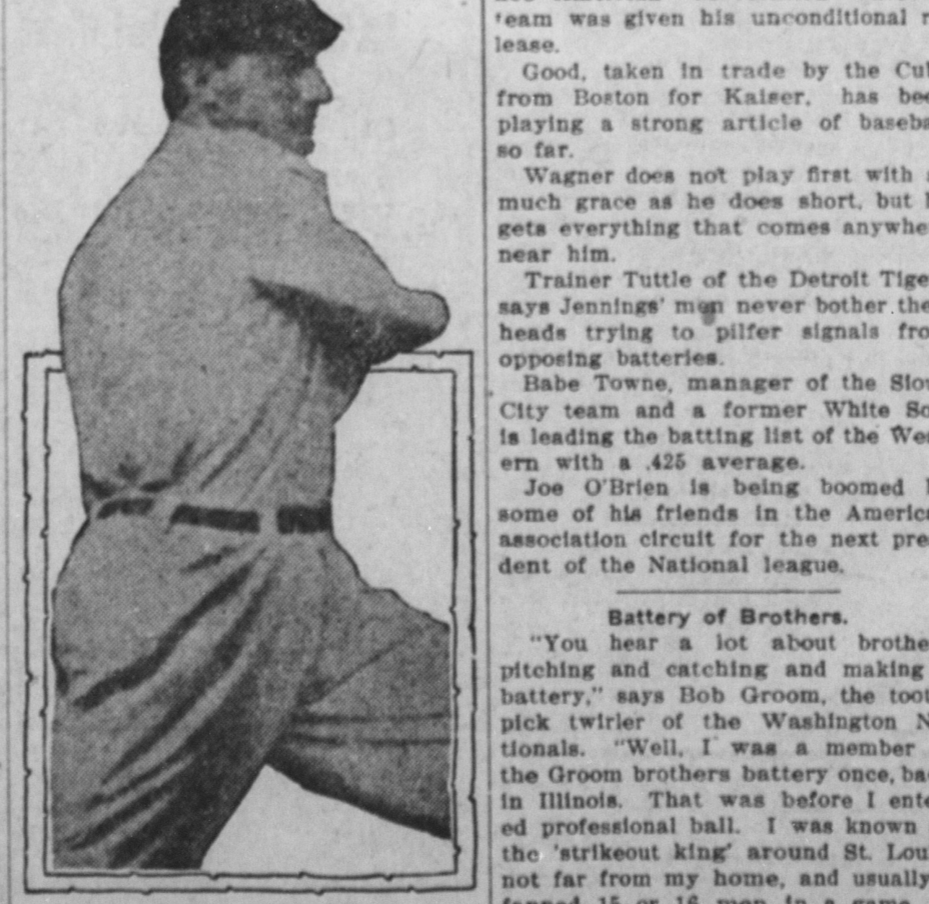
The discussion as to the relative merits of a bench and playing manager for a baseball team is again under way.

"I believe that before long all managers will be bench managers," says Hugh McBrean, treasurer of the Boston Americans. "I think the game is coming to that. Baseball has gone ahead so much and come to be so fast, before long the manager will have all he can do to sit on the bench and direct the play without attempting to get upon the coaching lines. Managers must plan ahead, must be figuring out the next play, and upon the lines they are apt to lose sight of moves ahead they have in their minds in the immediate duties of coaching."

"You see a manager coaching at first base one minute and then a situation arises that takes him over to third base, and it doesn't seem to me that he can make these moves and at the same time plan as clearly as if he were on the bench without anything to bother him except planning. Then, again, by sitting on the bench all the time with the players around him he is constantly getting their ideas and finding out just what they think of what ought to be done."

Now, it just happens that the Boston Americans have a bench manager, which may or may not influence McBrean's opinion; but at any rate it is probable that the officials of the New York, Cincinnati and Brooklyn clubs in the National league, and of the Athletics, Detroit, Chicago and Washington clubs, in the American league would agree with him.

The secretaries of the other major



Capt. Bobby Wallace.

league teams would probably declare in favor of the playing managers, who are as follows:  
Chance, Chicago Cubs, first base; Clarke, Pittsburg Pirates, left field; Doolin, Phillies, catcher; Bresnahan, St. Louis Cardinals catcher; Tenney, Boston Braves, first base; Chase, Yankees, first base; Wallace, St. Louis Browns, shortstop.

The whole question is, of course, largely a matter of individuality and personality, and will probably be a source for argument as long as the game exists.

## SHOWED OLD BALL LIVELLIER

Boston People Experiment After Doubting Resiliency of New Sphere—Test Causes Confusion.

There has been much controversy among baseball players and baseball fans this season regarding the ball now in use in the major leagues, the disputants lining up on the question whether the ball now in use is or is not livelier than the one used last season.

Many claim that the high batting averages of some of the players at the present time are due to the livelier ball, while others claim that they are due to the ineffectiveness of the pitchers and that the ball is no livelier than the one used last season.

Of course, if the manufacturers will not settle the doubt it would be necessary to subject the balls to scientific tests and examination in order to definitely determine the facts, and even then balls which were supposed to be identical in make might show a difference in resiliency because it probably is not possible that any two of them are exactly alike.

Some tests were made the other day with two balls, one of them issued for use in the American league last season, and one that was issued for the season of 1911. These were dropped from a height of 15 feet simultaneously. They struck a concrete floor at as nearly the same instant as they could be made to do so, and they were photographed at the moment they had reached the extreme height of the rebound.

It was found that the ball issued for last season bounded higher than the one issued for this season, the difference in height being clearly shown in the photograph.

Several other tests were made and invariably the 1910 ball proved to be the livelier. These tests with only two balls are absolutely decisive of nothing as regards the general proposition, but they show clearly enough that the ball that was issued in 1910 was, in this particular case, livelier than the one issued for 1911. Whether a series of experiments more accurately and scientifically made would show the same or opposite results remains to be seen.

The experiment made recently would seem to confuse the problem still further, for the players generally say that the ball is livelier this year than it was last.

## IS SURE OF CHAMPIONSHIP

Eddie Collins Says Detroit Has But One Pitcher, and Does Not Fear Tigers in Pennant Race.

List to a few optimistic prophecies from one Eddie Trowbridge Collins. Edward is not one of those given to cease touches of prophetic language, but he says that the pennant for 1911 is nailed down for the world's champions. Not a team, Detroit, or any-



Pitcher George Mullin.

body else in the American league, can Eddie see has a thing on the Champs.

"I don't like to appear foolish with a lot of talk about the race," shot forth the great midget, "but I want to go on record as saying that we will jam down that pennant as sure as shooting. If our pitchers had been working we would have a lead now that would help a lot."

"Detroit is the team that we will have to beat. We'll do it. It hasn't a man who looks like a twirler except George Mullin, and it can't work him every day. By the first of September we'll have the grand old rag mortgaged, and don't forget it. It is going to be no runaway race, of course, as we have a late start. But we will win as sure as the sun shines. There will be nothing to it."

**Percentages Change Often.**  
So many changes are being made in the percentage column these days it makes fans dizzy to keep track of them.

## NOT A "FULL-LENGTH" PAPA

Child Wanted Original of Portrait That Had Been Made So Familiar to Her.

An amusing incident is related of a young service matron who had relinquished her husband for two years and who, having before his departure insisted on a good photograph, applied herself assiduously to the upbringing of her two-year-old baby with a view to the child's familiarity with her distinguished father. Each day she would call the baby girl to her and, kneeling beside her, would hold up the photograph, pointing out each feature to the child.

One day the officer came home, and the baby girl, then four years old, was summoned. "Come, dear," said the mother in glee, "papa has come home at last!" The child surveyed the officer in perplexity and finally shook her head.

"What is the matter, dear?" asked her mother. "Well," replied the child, "he looks something like my papa, but my papa hasn't any legs!"

## ECZEMA ON HANDS AND FEET

"In the latter part of 1889 my face and head broke out in little pimples. My doctor gave me some medicine and a salve. I used them for months but did not receive any results. In the meantime it broke out all over my back and chest. I then went to another doctor and he told me the same as my own doctor—that it was eczema. He also gave me medicine for eighteen months. All I could see was that he moved it from my face and body to my hands and feet, and although I did everything, I could not heal my hands and feet. My hands would split open on the joints and would be so sore that I could not use them at times. Then I started to use Cuticura Soap and Ointment in July, 1893, and before 1894 I was fully cured. I therefore recommend the Cuticura Soap and Ointment to any person having skin disease. As soon as I began to use Cuticura Soap and Ointment I found relief at once."

"My sister, Miss Rebecca Jackson, had a breaking out on her face and hands the same as myself. She used Cuticura Soap and Ointment for seven or eight months, and was cured entirely." (Signed) Samuel F. Jackson, 1217 Pine St., Philadelphia, Pa., May 5, 1911.

His sister writes: "What my brother says is quite true, and you can imagine how I suffered and how glad I was to be cured by Cuticura Soap and Ointment." (Signed) Miss Rebecca Jackson, 18 Delaware St., Trenton, N. J.

Although Cuticura Soap and Ointment are sold everywhere, a sample of each, with 32-page book, will be mailed free on application to "Cuticura," Dept. 25 K, Boston.

## DECIDED NOT TO OPEN IT.



Caller—I was thinking about opening a drug store in this neighborhood. Do you think one is needed around here?

Resident—Great idea. There's no place within ten blocks where a man can buy stamps or see the city directory.

## Thinnest Man Weds.

The thinnest man in the world was married recently by Municipal Judge John R. Newcomer at the city hall.

"I had to look three times to see him," said the judge.

The man is Arthur Atherton, twenty-four years old. Though five feet high, he weighs only thirty-eight pounds. He married Blanche Buckley, nineteen years old, who weighs 136 pounds.—Chicago Daily News.

## 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. Fletch*er. In Use For Over 30 Years. Children Cry for Fletcher's Castoria

## Wise.

"Bobby, didn't you hear mamma tellin' us to come in out o' the rain?"

"Yep, but I'm not goin' to do it till I'm so wet that she can't lay me across her lap 'thout spollin' her dress."

**TO DRIVE OUT MALARIA AND BILIOUS SYSTEM**  
Take the Old Standard GRIFFIN'S 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 tasteless form. The Quinine drives out the malarial and the iron builds up the system. Sold by all dealers, 50¢ a bottle. Price 50¢ a bottle.

**Indefinite.**  
"Did you have fun taking his candy away from the baby?"

"Fun? My dear boy, it was a scream!"

**For HEADACHE—SICKS' CARBON**  
Whether from Colds, Heat, Stomach or Nervous Troubles, Carboline will relieve you. It's liquid-pleasant to take—acts immediately. Try it. 10¢, 50¢, and 50 cents at drug stores.

The census would be much larger if all the men who are leading double lives could be found out.

For a trainwrecker no punishment can be too severe.