DAIRY NOTES

The Grain Per Cow.

The amount of grain to be given a cow daily will depend of course on the size of the cow, and, to some extent, on the question of whether she is tied up in the barn during the day or has a large amount of exercise in the open air. In the latter case she can make use of more grain than she can if she is kept stalled, and can put it to a good purpose. Some of the recent investigations have put money into the pockets of the farmers by showing that our cows do not require the very large amount of grain they ordinarily receive. It used to be the practice of some of the more ambitious dairymen to feed fifteen or twenty pounds of grain to each large milker daily. It has been demonstrated that a large part of this grain was wasted and that generally not over eight pounds of grain can be used to advantage.

Previously a good deal of grain went through the animals undigested and was dropped on the pastures without result, except as to the small amount of fertilizer added to the land. When the smaller amount is fed it is more fully digested. It will thus be apparent that in the past our ignorance has cost us millions of dollars in wasted food. Even yet some of our dairymen have not learned the truth in regard to this matter and are still pouring large quantities of grain into their cows, most of which will not bring back a cent.—Farmers' Review.

Milk in the Stable.

A good many keepers of cows have in the cow stable and behind the cows pegs on which to hang the milk pails that are too full of milk to prevent of their being further used at that milking. A man fills the pail, hangs it on the hook and proceeds to milk another cow. By the time the milking is completed several pails have been hanging on the pegs for fifteen minutes to half an hour, in addition the empty pails hung on the same pegs before they were taken for milking purposes and just as readily gathered germs as when they had the milk in them. So far as the milker can see, there is no reason why this practice should not be continued. The pails look clean when they are taken down to be used for milking purposes and the milk in the pails that have been hanging there looks as clean as any other milk. The pails are hung too high up to catch any visible dirt. The custom is bad, but its badness is hard to prove, because only the student and the scientist knows that the air is full of odors and germs and that they are constantly settling in the pails to become manifest later in bad flavored butter or quickly souring milk. The milk should be removed from the stable as fast as milked, that the time of exposure to bad odors may be as short as possible.

Lime for Dairy and Stable.

In Denmark there is a box of lime in every dairy or creamery, where it is of use in rinsing out vessels to keep them sweet and clean, and to wash down the creamery floors and to purify the air generally.

We are using it to a small extent in this country, but it is not common enough. It is one of the best purifiers and cheapest. Its use can be applied to the cows' drinking troughs in warm weather, to remove the slime or organic matter therefrom; it can be applied in the cow stable, where it is most invaluable. We know of nothing as effective as slaked lime with carbolic acid mixed in it, for giving the surroundings of the barn a wholesome atmosphere.

This cheap and handy agent is readily made by slaking the lime, filling a three-gallon pail about half full, adding about two ounces of crude carbolic acid. If the lime is not all to be used at one time it can be put away in an air-tight vessel, but it is best to use it fresh.

For the dairy and creamery use the slaked lime only—slaked just before using. It has the physical advantages, as well, in lighting up the barn, in making it sweet, clean and wholesome when sprayed on the walls, in the spring and fall.—Farmers' Guide

Chapped Teats and Udders.

As spring comes and the cows are turned out to pasture and lay around on the damp ground many times there is considerable trouble with their teats and udders becoming chapped from coming in contact with the damp earth. Some cows have become almost unmanageable from the very cause and you know the old saying that "an ounce of prevention is worth more than a pound of cure." If one will procure a box of vaseline and keep in the barn, and as they notice any hardening, drying or chapping of the teats rub the vaseline into them well the trouble will soon disappear, but if it gets well started there is sure to be serious trouble, which sometimes takes a long time to cure.

Milk Veins.

The milk veins of a dairy cow are a good ways in indicating her ability at the pail. These so-called milk veins are really large blood veins running from the udder forward to near the forelegs, where they enter the body. The orifices where they enter the body are called milk wells. These large veins convey the blood from the udder to the heart and lungs, where it is purified and again forced to the udder. A cow can not give a large flow of milk without large milk veins. When examining a cow for the dairy, feel along the under side of the belly for these veins. If they are large and tortuous, she is a good cow, other things being equal.

Dairy Wisdom.

The best care will result in the largest net profit.

Look out as the cold nights come that the cows are in their stalls and have a good supply of fodder—all they will eat up clean.

The temperature for churning ranges from 55 to 65 degrees, according to conditions, while 60 and 62 degrees are the most common temperatures.

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Boys' Knit Socks 50c, 60c, 75c.
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Children's and Ladies' Jersey Leggins 50c to $1.00.

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