

The DAIRY

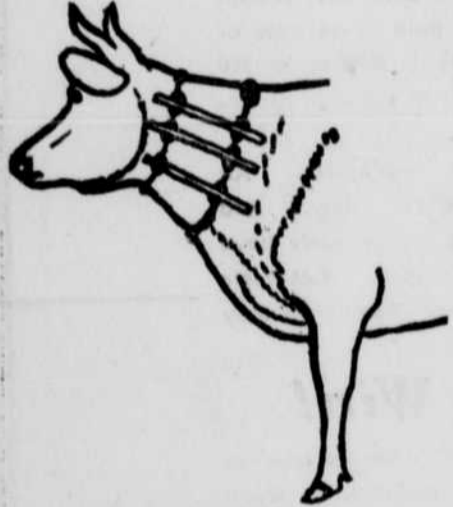


PREVENT COW MILKING SELF

Excellent Device, Cheap of Construction and Easily Made, is Shown in Illustration.

An exchange recently printed an illustration of a device which it was claimed would prevent a cow from milking herself.

The thing is easily and cheaply made. It consists of but lengths of light rope and six pieces of round light wood about eleven or twelve



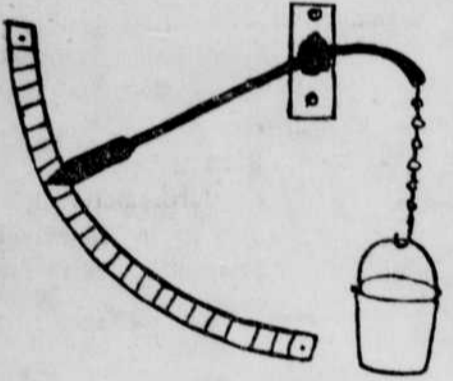
Prevents Self-Milking.

inches in length. Holes, a little larger than the diameter of the rope, are bored at each end of the sticks. The pieces are then threaded upon the rope tying a knot on each side of each stick to prevent it from slipping out of place. The sticks are so arranged that there will be three on each side of the cow's neck as indicated in the accompanying drawing. The collar is then adjusted and seldom falls to have the desired effect.

PRACTICAL SCALE FOR BARN

Problem of Weighing Cow's Milk is Important One—Illustration Shows Gnaln Type.

In these days of cow testing, the problem of a practical and withal reliable scale for weighing each cow's milk is an important one. The spring scales so very handy are, as we all know, not reliable in the long run, especially if exposed to damp air which rusts the spring, says Hoard's Dairyman. The Swedish Mejeritidning illustrates the gnaln scale which consists (as shown in sketch) of two parts fastened on the wall. One is a scale arch which is so large that the weight may easily be read even in the often dim light of the stable. The other is a long balance, pivoted on a



Gnaln Scale.

ball bearing, the long pointer being about 4½ feet long and heavier at the end, while the short part of the balance is bent away from the wall and provided with a chain for hanging the pail on. It is claimed to give good satisfaction.

BUILDING GOOD DAIRY HOUSE

Detailed Directions for Constructing Suitable Structure Over Spring on Hillside.

(By J. G. WEATHERSON.)

A fine dairy house may be built over a spring. You know about what size room will be required for your work. Build the spring house with the end against the hillside and arrange it so the overflow stream from the spring will run along one side, leaving just room enough to walk between the water and wall. Have space enough on the other side of the room for a work bench and shelves, also a walk.

If convenient make a cement floor. If not pave the floor and also the bottom and edges of the stream closely with large flat stones. Put boards over the stone floor to walk and stand on.

Construct a drain pipe to carry the water for some distance after it leaves the interior of the house so the approach will not be damp. Have no board foundations that will rot or mold. Everything about the dairy house must be clean and sweet. Have plenty of light on the side where your work bench is.

If you have good ventilation a gasoline stove for heating water to wash the utensils would be practicable as it would make little heat. If you must use a coal or wood stove the room for it should be above the spring house, not in it.

In placing the stones on the bed of the stream prop them carefully so they will be perfectly flat so the pans or crocks may be set upon them in the water.

MANAGEMENT OF DAIRY BULL

Practise of Allowing Animal to Run With Herd Has Serious Drawbacks—One Method.

On the majority of farms it is customary to allow the bull to run with the herd. This practise is open to serious objections. In the first place, a bull running with the herd is unsafe from the standpoint of human life. No bull is absolutely safe, be he ever so gentle. In fact, it is the "gentle" bull that usually kills, because fewer precautions are taken with animals of this kind than with those that show an ugly disposition, writes John Michels, in Homestead. Then there is the annoyance and worry, especially for children and women, to have a bull run about. Hired men also complain about getting up the cows when there is a bull with them and who knows how many have quit their job because of the bull.

A very vital objection to running the bull with the cows is that it impairs the usefulness of the bull, due to excessive service. One service is sufficient and this can be had only when the bull is kept away from the cows. Again, it is difficult to tell when cows have conceived, which makes it impossible to know when the cows are due to calve, a matter of no small importance.

A further serious objection to running a bull with the herd is that many a valuable bull is disposed of to the butcher because he has become unmanageable with the herd. Most bulls are sold to the butcher before they have had a chance to demonstrate their value.

The question now, arises, if the bull is not to run with the herd, how is he to be managed? There are several ways of doing this, but I wish to give here only one of them, one which I have used for a number of years and



Bull Pen 50' x 50'

Breeding Pen 4½' x 16' Stable 6' x 16' Raised walk Bull Pen.

found satisfactory in all respects. This consists of an inclosure with stable and breeding pen as shown in the accompanying illustration. The bull run is 50 feet square, including the stable, and is inclosed by a solid board fence 6½ feet high. The boards are nailed onto 4 by 4's from the inside, which insures great stability. The breeding pen is also made solid by using one-inch boards and is 6½ feet high. The cow is bred in this pen by tying her to the front end and then letting in the bull by opening the stable door. The latter closes the pen when opened as shown in the cut. The bull is fed through an opening in the stable. Water is supplied in the same way.

A board walk, about one foot wide and 2½ feet high, is placed along the outside of the breeding pen. The attendant stands on this walk and drives the bull back into the stable after the cow has been served. For convenience of taking the bull out of the inclosure, a door is put into the front of the right-hand end of the breeding pen.

While a bull can be managed in a pen such as is here described without coming in contact with him, it is best to lead him out occasionally with a stick snapped into the ring of his nose. It is always well to keep a bull accustomed to being led with a stick.

DAIRY NOTES

Think twice before selling the good cow and then don't sell her.

Care must be taken not to get the cream too sour for churning.

Remember the cow likes regular meal hours as well as you do.

See that the dairy cow at all times has access to clear, fresh water.

The best thing with which to clean a separator is a small, stiff brush.

If the cow is to produce pure milk she must have pure food and water.

One cannot properly clean milk pails without the use of boiling water.

The hand separator has been a step to greater dairy profits on many a farm.

The real butter-maker of our country is the farm cow whose milk never goes to the creamery.

As the calf is so is the cow. Poor care in calfhood means a poor cow when she comes to maturity.

The Iowa state dairy law forbids selling milk from cows within two weeks of calving and five days after.

In dairy herds, even where stables are darkened and the cattle kept in a part of the day, the loss in milk yields resulting from the annoyance caused by flies is often quite material.

Milk containing less than twenty per cent. of butter-fat cannot be churned at a temperature below 50 degrees, but milk containing 35 per cent. or more can be churned at lower temperature with good results.

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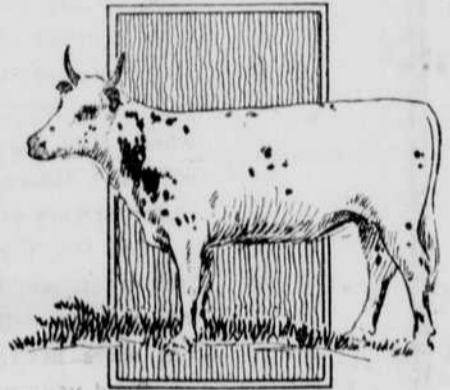


PROGRESS OF AYRSHIRE COW

Experiments at Iowa Station Show Breed Making Rapid Strides in Popularity.

During the past few years, since the Ayrshire Breeders' association instituted official tests conducted by and under the supervision of the experiment stations, the Ayrshire cow has made rapid progress in popularity, as the perfect dairy cow, writes C. M. Winslow, secretary of the American Ayrshire Breeders' association, in an exchange. This official testing has brought to the front a class of dairy Ayrshires, noted for utility, and has more and more influenced the breeders in trying to eliminate any defects she might have, and bring to the front her remarkable qualities as a profitable dairy cow for every day service. One hopeful feature of the breed is that she has built herself up on all lines of dairy utility in dairy conformation and dairy lines of beauty, and the Ayrshire cow stands today unique among the dairy breeds, with no aristocracy of family distinction, but maintains her popularity from her individual and breed qualities.

While there are minor differences in her appearance, under different breeders, and in different countries, the Ayrshire is an Ayrshire wherever found, and shows the same strong breed characteristics, of shapely udder, strong constitution and vigorous appetite, shows herself to be a great dairy cow under any and all conditions, and carries the type of the breed in her every act.



Ayrshire Heifer.

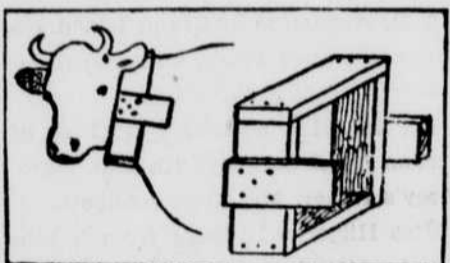
In Scotland, in Canada and in the states she has been bred not for family booms, or individual phenomenal excellencies, but all along the line she has been pushed as a breed of uniformly dairy superiority.

This is I believe greatly to her advantage, and greatly to the advantage of all purchasers of Ayrshire cows, for the uniformity of her dairy excellence makes all buyers pleased with their purchases and maintains the general good name of the Ayrshire cow. In studying the results of the testing for advanced registry the two facts are strongly brought out that there is great uniformity in the breed in production at the pail, and while we cannot boast of any world beater in one or two individual cows, we rejoice in the fact that there are none very poor, the general run being from good fair cows to very superior ones.

PREVENT COW FROM SUCKING

Excellent Device is Illustrated and Has Proven Very Satisfactory—Is Easy to Make.

The accompanying illustration shows a device for preventing a cow from sucking herself. It consists of a box-like arrangement of boards. The side pieces should be of 2x6's to make it sufficiently strong, and the pieces nailed to them at the sides should be long enough to touch her just before



Prevents Cow From Sucking.

the shoulder blade when the head is turned. This has proven very satisfactory, having done its work where others have failed.

Buying Separators.

It might be well to mention a few points on buying separators. In the first place, see that they skim clean. Select one of the standard makes of machines, even if it costs a little more than some other make. Don't be in a hurry to invest in some new and untried make of machine under the pretext that they will do about as well. Suppose one machine leaves two-tenths of one per cent. of fat in the skim milk more than another, with a herd of 20 cows giving 100,000 pounds of milk annually, it means a loss of 200 pounds of butter fat at 20 cents per pound, which means \$40 annual loss by the use of inferior machines.

Value of Dairy Cow.

The true value of the dairy cow, is by necessity fixed by the amount of fat there is in her milk and what it costs to produce it.

AT DITTMAR'S

YOU will find a complete line of Dry Goods, and the best that is made. See our Wool Flannels, Cotton Flannels, Domet Flannels, Shaker Flannels, Fleece Lined and Outing; Comforters, Wool and Cotton Blankets, Underwear for men, women and children, all wool, half wool and cotton; you will find any size you want. Corsets, Hosiery and Notions; Silk and Wool Dress Goods with trimmings to match.



Ladies' Tailored Suits and Cloaks

We handle the "STYLE CRAFT," best on earth. Be sure you see these Suits before buying.

SKIRTS—Just received, a new lot of Dress Skirts, strictly the latest. They will please you.

ROOM RUGS—All sizes, will promise to save you a few dollars on a Rug: See them.

SHOES—For men, women and children. When you buy a Shoe marked "Peters" you will have the best.

GROCERIES—You will always find the best the market affords, and strictly fresh new goods; and always receive full weight and highest price for your produce. Kindly visit our store.

R. A. DITTMAR - Falls City, Nebr.

WILLIAMSVILLE.

Nellie Butler spent Sunday with Ethel Dunn.

E. E. Butler spent Sunday with Mr. John Constantine.

Jesse Dunn is working for J. A. Martin in Earada.

I. A. Dunn and family spent Sunday at N. A. Arnolds.

Emma Butler spent Sunday at the home of Earl Butler.

Scott Wissinger has almost recovered from his recent sick spell.

Mrs. Henry Siemering invited a number of friends to her home one day this week. The time was passed at an old fashioned quilting.

There is little danger from a cold or from an attack of the grip except when followed by pneumonia, and this never happens when Chamberlain's Cough Remedy is used. This remedy has won its great reputation and extensive sale by its remarkable cures of colds and grip and can be relied upon with implicit confidence. For sale by all druggists.

How to Cure Chronic Colds and Bronchitis

Bluevale, Ont., May 4, 1910.

"I was sick for two years with a chronic cold and bronchitis and a consequent run-down condition. I received no benefit from doctors, and had to give up work. VINOL was recommended and from the second bottle I commenced to improve—I gained in weight and strength, my cold and bronchial trouble disappeared, and I am at work again. I want to recommend VINOL to anyone who is in need of such a medicine."—THOMAS HIGGINS.

It is the combined action of the curative elements of the cod's livers aided by the blood making and strength creating properties of tonic iron contained in VINOL which makes it so successful in curing stubborn colds and bronchitis. VINOL is a constitutional remedy for chronic coughs, colds, bronchitis and pulmonary troubles, not a palliative like cough syrups.

Try a bottle of VINOL. If you don't think it helped you, we will return your money.

A. G. WANNER, Druggist, Falls City, Nebr.

Salem

O. R. Ross was down from Salem Tuesday.

Mrs. Charley McDowell of Falls City was in Salem Wednesday.

Mr. Lord and daughter, Mildred, of Falls City were in Salem Wednesday.

The Ladies Kensington met at the home of Elmer Coon Wednesday, November 1st.

Mr. and Mrs. James Kelly and daughter, Otise, were shopping in Falls City Saturday.

James La Rando of Rulo was in Salem Sunday.

Lloyd Snyder was up from Falls City Sunday.

Mrs. Roy Turner of Washington, Kansas is here visiting relatives and friends.

Mrs. Charles Cook was a Falls City visitor Wednesday.

Mr. and Mrs. George Coon, Rev. Ogden and Ben Kelly drove to Humboldt Tuesday evening to attend the revival meetings at the Christian church.

James La Rando and Miss Lavetta Barker took dinner at the home of S. Mendenhall Sunday.

Hollis Stoffer and Ernest Moore were in Falls City Saturday.

A Basket Social.

A basket social will be given at the Yale school house Friday evening, November 18. Two plays, "The Train Tomouro," and "The Three Applicants," will be given by the pupils.

A drama, "The Awful Aunt" will be given. Following is the cast of characters:

Mrs. Haselton, widow... Anna Bernhar Alice, her daughter... Edna Stetler Carrie Benton... Grace Kennedy Matilda Johnston, Our Awful Aunt... Mrs. Fouraker Frank Haselton... Frank Bernhar Arthur Wallace, a villain... Lee Whitne Pete, colored servant... Chas. Fouraker David Mann... Dwight Stetler Two policemen, Lee Kennedy and Wallace Horton.

Ladies please bring baskets—Anna Morris teacher.

Chamberlain's Stomach and Liver Tablets do not sicken or gripe, and may be taken with perfect safety by the most delicate woman or the youngest child. The old and feeble will also find them a most suitable remedy for aiding and strengthening their weakened digestion and for regulating the bowels. For sale by all druggists.

Don't use inferior spices when the same price will buy quality

TONE BROS SPICES

Tone's pepper, ginger, cinnamon, etc., are fresher, stronger, cleaner. In packages, 10c., at grocers. TONE BROS., Des Moines, Ia.

Keep On Keeping On.

If your day looks kind o' gloomy
And your chances kind o' slim;
If the situation's puzzling
And the prospects awful grim,
And perplexities keep pressing
Till all hope is nearly gone—
Just bristle up and grit your teeth
And keep on keeping on.

Fuming never wins a fight
And fretting never pays.
There ain't no good in brooding
In those pessimistic ways;
Smile just kind o' cheerfully
When hope is nearly gone,
And bristle up and grit your teeth,
And keep on keeping on.

There ain't no use in growling
And grumbling all the time,
When music's singing everywhere
And everything is rhyme.
Just keep on smiling cheerfully
If hope is nearly gone,
And bristle up and grit your teeth
And keep on keeping on.

—Ohio State Journal.

"I am pleased to recommend Chamberlain's Cough Remedy as the best thing I know of and safest remedy for coughs, colds and bronchial trouble," writes Mrs. L. B. Arnold of Denver, Col. "We have used it repeatedly and it has never failed to give relief." For sale by all druggists.