

# Home Industry

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"Help Those Who Help You."

## Redmond Market

J. B. ROE, Proprietor

# Farm Dairying



Sans Alo!

## XVIII.—Cow Diseases. Second Article.

By LAURA ROSE,

Demonstrator and Lecturer in Dairying  
at the Ontario Agricultural Col-  
lege, Guelph, Canada.

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**L**EAKY tests are caused either by  
weak muscles or because the  
teat opening is too large.

**Treatment.**—Throw and tie  
the cow. Insert a milking tube in  
the teat to preserve the milk duct.  
With a sharp knife remove the skin  
from the end of the opening, making  
a good fresh wound. Draw the edges  
of the hole together with a few stitches,  
tying each stitch separately. Dress  
with a healing ointment.

This should be done when the cow is  
dry and is better to be done only by a  
veterinarian. If the leak be through  
a hole on the side of the teat scarifying  
the edges of the opening with a  
sharp penknife when the cow is dry  
may cause the edges to unite.

### To Cure a Sucking Heifer or Prevent Self Sucking.

Insert in the heifer's or cow's nose  
an ordinary bull ring. Just before in-  
serting the ring slip on it a harness  
ring the same size, which hangs loosely  
after the bull ring has been insert-  
ed. This is a sure remedy.

### Impaction of the Rumen or Paunch.

**Cause.**—The paunch becomes over-  
filled with solid food and its walls so  
paralyzed as to lose the power of con-  
traction.

**Symptoms.**—Enlargement of abdo-  
men, the drumlike sound is absent, and  
when the part is pressed the indenture  
remains for some time. The animal  
is dull, her breathing heavy, grunts  
and grinds her teeth.

**Treatment.**—Give a strong purgative  
—one and a half to two pounds of salts  
and two ounces of ground ginger in  
two quarts of warm water. Follow  
up with two drams of nux vomica ev-  
ery six or eight hours until the bowels  
move freely. If the bowels do not  
move in eighteen to twenty-four hours  
give more salts. A little walking ex-  
ercise helps the expulsion of the food.  
In bad cases the cow is opened and  
the food removed by hand. This should  
be the work of a veterinarian.

### Tympanitis or Bloating.

**Cause.**—Eating fermented grains,  
rank clover, especially when wet or  
with the dew on it; raw juicy potatoes,  
etc., may cause fermentation and the  
accumulation of gases.

**Symptoms.**—The abdomen distended,  
especially over the left flank, the walls  
of the belly elastic to the pressure of  
the hand and when tapped giving a  
hollow, drumlike tone; breathing lab-  
ored.

**Treatment.**—If much distressed,  
prompt relief is afforded by puncturing  
deep on the left side into the flank four  
or five inches from the spine and mid-  
way between the last rib and the hip  
bone. This is best done with a trocar  
and cannula. If one is not at hand use  
a knife and insert a large goose quill  
or something of the kind to keep the  
wound open to allow the gases to es-  
cape.

Give from one to two pounds of ep-  
som salts and an ounce of powdered  
ginger. Further fermentation may be  
prevented by a tablespoonful of chlo-  
ride of lime in a pint of water. In  
slight cases a dose of two ounces of  
oil of turpentine in a pint of raw lin-  
seed oil will generally dissipate the  
gases. No food should be given for  
twelve hours, and feed lightly for a day  
or two.

### Impaction of the Third Stomach or Fardel-bound.

**Cause.**—A diet of coarse, indigestible  
food and insufficient water to drink;  
eating dried grass or leaves, etc.

**Symptoms.**—Refuses to eat; ceases to  
chew cud; in some cases slight diar-  
rhea, followed by constipation; head  
carried low; dull, painful expression;  
stands still or lies down with head ex-  
tended; gives a short grunt during ex-  
piration; advanced stages—staggering  
gait, impaired sight and sometimes  
symptoms of frenzy.

**Treatment.**—Same as for impaction of  
rumen. Assist the purgation by cop-  
ious injections of warm soapy water  
three or four times a day. If the brain  
be affected, douche the head with cold  
water or apply ice.

### Tuberculosis.

**Symptoms.**—A dry cough without  
other constitutional disturbances indi-  
cates tuberculosis of the lungs. A cow  
losing flesh gradually and becoming  
generally unthrifty looking may have  
the disease in any organ. The only  
safe way to know if the herd be free  
from this very contagious disease is  
by having the animals tested with tu-  
berculin.

If any react they should be put in a

stable by themselves and the building  
where they have been kept disinfected.

If only slightly affected the animals  
may be fattened and sold to the butcher,  
for the meat is said to be whole-  
some.

The milk, especially if the udder be  
suspected of being diseased, should be  
scalded for the use of either man or  
beast. There is no known cure. The  
only way is to test the cows and keep  
those free of disease rigidly apart from  
the others. Drinking from the same  
trough, eating from the same stall,  
are easy means of spreading the dis-  
ease.

If the cow be a valuable one and the  
disease is not deeply seated she may  
be kept for breeding purposes, but the  
calf must not be allowed to suck any  
of its mother's milk. If the cow's milk  
be thoroughly pasteurized it is then  
safe to feed.

### Rheumatism.

**Cause.**—Exposure to cold and wet,  
especially when heated by driving  
lying on cold floors or standing in a  
draft.

**Symptoms.**—If acute rheumatism sets  
in there will be loss of appetite, rough-  
ness of coat and dryness of muzzle,  
bowels constipated, urine high colored,  
joints swollen. The symptoms of  
chronic rheumatism are similar, but  
less severe.

**Treatment.**—Give two pounds of ep-  
som salts and one ounce of ground gin-  
ger. Follow up with two dram doses  
of salicylic acid three times a day.

Rub the joints well three times daily  
with camphorated liniment.

Keep the animal warm and dry.

### Wounds or Cuts—Lacerated Udder.

First stop the bleeding by tying a  
bandage of clean muslin directly over  
the wound or above it. Often a bleed-  
ing artery will protrude. A thread can  
be run under it with a needle and the  
artery tied. After the bleeding stops  
cut off the ragged edges of muscle  
with scissors which have been dipped  
in an antiseptic solution. Then bathe  
the wound with an antiseptic wash.  
Let nature do the healing. Keep the  
wound clean and free from germs by  
frequently bathing it with the antiseptic  
wash.

Sometimes a cow's udder is badly  
torn on barbed wire or brush. Thoroughly  
cleanse the wound with an anti-  
septic wash, using a syringe if one  
is at hand. Trim the rough edges and  
draw the cuts together with white silk  
thread, tying each stitch separately.  
Leave an opening of an inch at the  
lowest point of the wound. Insert in  
this opening a small piece of cotton  
wadding to help carry away any dis-  
charge. Bathe the wound if necessary  
with a boracic or weak carbolic acid  
wash and renew the wadding. When  
healed remove the stitches.

### Contagious Abortion.

Abortion being a contagious disease,  
the germs will lurk about the stables  
and infested animals for years.

Use some good disinfectant freely  
around the stalls, gutters, etc. Give



Photo by University of Wisconsin.

### MAKING THE TUBERCULIN TEST.

each animal that has aborted forty  
drops of pure carbolic acid in one pint  
of water in its food three times a day  
until all vaginal discharge ceases.

As a preventive give the other cows  
the same dose twice a day for the  
same length of time.

Some dairymen dose their cows in  
this way with carbolic acid every two  
or three months just in case this  
dreaded disease might break out.

Another simple method, which can  
be used when cows are in pasture, is  
to mix thoroughly 100 pounds of barrel  
salt, pounded fine, and one pound of  
crude undiluted carbolic acid or four  
ounces of the acid to twelve quarts of  
salt. Give to the bulls and cows as  
one would ordinary salt.

### Retention of the Afterbirth.

In case the afterbirth does not come  
away give a few doses of carbolic acid  
(forty drops), and no other assistance  
will be necessary.

### Burying Diseased Animals.

When burying an animal which has  
died of any contagious disease put  
half a barrel of fresh lime over it.  
Crystals of copper sulphate may be  
used. Burn all bedding, litter, etc.,  
and whitewash the walls, stalls, etc.,  
having some disinfectant in the wash.

### Stock Foods—Tonics.

No. 1.—One pound ground gentian, a  
quarter of a pound of ground ginger,  
a quarter of a pound of powdered sal-  
tpeter and a quarter of a pound of pow-  
dered iron sulphate. Mix and give one  
tablespoonful in feed once daily for  
ten days, omit for three days and feed  
as above for ten days more. Cost,  
about 20 cents per pound.

No. 2.—Two pounds fenugreek, two  
pounds ground ginger, two pounds  
powdered gentian, two pounds powder-  
ed sulphur, two pounds potassium ni-  
trate, two pounds resin, one pound cay-  
enne pepper, eleven pounds flaxseed  
meal, five pounds powdered charcoal,  
five pounds common salt and twenty-  
five pounds wheat bran. Cost, about  
\$4.50 per 100 pounds. Mix well and  
feed the same as No. 1. This tonic is  
almost identical with the commercial  
mixtures.



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