

THE MILKING PAIL.

Small Top Pail—Scientific View and Common Sense Practice.

While on an editorial visit at Cornell University recently our attention was directed to a lot of milk pails with paper tied over the top of each one. Professor Pearson explained that in the production of clean milk everything possible should be done to keep dirt and other foreign material out of the pails before and after milking. To guard against this the milk pails used in the dairy department of this institution are sterilized and covered with paper commonly known among grocers as tea paper. The manner in which these pails are covered is shown in the accompanying illustration. In this manner they are carried to the dairy barn, and the paper is not removed until the milker is ready to use it.

Another important factor in the production of clean milk is the character of pail used. Professor Pearson speaks highly of the type shown in the accompanying illustration. With the hood covering part of the opening the amount of dirt that could fall into the opening of the pail is greatly reduced. This means keeping dirt out of milk instead of trying to strain it out.

A pail having a top diameter of fourteen inches has about 150 square inches of open space through which dirt may



HOODED PAIL AND PAIL COVERED WITH PAPER.

fall into the milk. A pail with a top opening ten inches has half as much space, or about seventy-five square inches. One with a six inch opening has about twenty-seven square inches through which dirt may fall into the milk. As most of the contamination occurs from dirt falling from the udder and surrounding parts when the cow is being milked, the great advantage of reducing the top opening of the milk pail is plainly seen.

Some old milkers will protest that they cannot milk into a small opening. We will not argue the question with them further than to say a few days of patient trial would probably be enough to convince them that they can milk into a smaller opening than they had thought possible. Certified milk dairies require a pail with an opening of about six inches in diameter, but in ordinary practice this is not advised. Any one could use a ten inch opening without inconvenience, and if a careful milker can use a still smaller opening so much the better.—American Agriculturist.

THE VETERINARY.

A flock of sheep became badly infested with *Strongylus contortus*, and the writer tested the value of creosote in combating these parasitic worms. A 1 per cent solution of coal tar creosote in water was prepared, and each sheep was given four ounces of this solution. Previous to the use of the creosote the sheep had been dying at frequent intervals from the effects of the stomach worm, but after drenching with creosote no deaths occurred during a period of twelve months, after which the history of the sheep was not followed.—H. Taylor in Veterinary Record.

When Hind Legs Go Wrong.
It is a very common practice to feed working horses just the same grain ration when idle that they receive when hard at work. This is wrong and is the cause of two diseases of the hind legs, elephantiasis, or big leg, and black water. In the former the horse that was apparently all right at night will in the morning have one hind leg swollen up three or four times its natural size and very painful to step on. In the latter case the horse may start from the stable all right, but soon goes lame, first in one hind leg, then the other, then both. The muscles stiffen up, he seems to lose all control of the hind limb and if forced to move may fall down. The urine becomes black; hence the name black water. In both cases the trouble may be avoided by changing the grain ration, cutting out part of the concentrated foods like corn and oats and increasing the amount of loosening foods like bran.

Vic O'Connor has made a very acceptable donation to the library in the form of a load of wood.

It is a pity to see a person neglect indications of kidney or bladder trouble that may result in Bright's disease when Foley's Kidney Remedy will correct irregularities and strengthen these organs. Take Foley's Kidney Remedy at the first sign of danger.—C. W. Merrill, Druggist.



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Democratic candidate for State Senator.

H. C. Ellis and Clark Rude left for Prineville yesterday to look after telephone matters. They drove over in Mr. Ellis' automobile.

Serious Results Feared

You may well fear serious results from a cough or cold, as pneumonia and consumption start with a cold. Foley's Honey and Tar cures the most obstinate coughs or colds and prevents serious results. Refuse substitutes.—C. W. Merrill, Druggist.

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The candy sale given last Saturday by the Ladies' Library Club was another pleasing success. The receipts amounted to \$10.85.

Personal

If any person suspects that their kidneys are deranged they should take Foley's Kidney Remedy at once and not risk having Bright's disease or diabetes. Delay gives the disease a stronger foothold and you should not delay taking Foley's Kidney Remedy.—C. W. Merrill, Druggist.

Library Grows in Popularity.

The Bend Free Public Library and Reading Room is growing in popularity from day to day. There is a brisk demand for the new books and many come into the room to read the current magazines to be found there. The equipment of the room is being improved, the latest purchase being a patent kerosene lamp which will furnish an excellent light by which to read.

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NOTICE FOR PUBLICATION

U. S. Land Office, The Dalles, Oregon.

TO WHOM IT MAY CONCERN:
Notice is hereby given that the State of Oregon has filed in this office application for patent to the following list of lands, to-wit:

LIST NO. 6 FOR PATENT

All of which included in approved segregated list No. 10

Description	Sec.	Twp.	RANGE	ACRES
SW 1/4 NW 1/4	17	11	13 W M	40.00
W 1/2 NW 1/4	17	11	13 W M	80.00
SW 1/4 NE 1/4	22	11	13 W M	40.00
W 1/2 NE 1/4	22	11	13 W M	80.00
SW 1/4 NW 1/4	27	11	13 W M	40.00
W 1/2 NW 1/4	27	11	13 W M	80.00
SW 1/4 NE 1/4	32	11	13 W M	40.00
W 1/2 NE 1/4	32	11	13 W M	80.00
SW 1/4 NW 1/4	37	11	13 W M	40.00
W 1/2 NW 1/4	37	11	13 W M	80.00
SW 1/4 NE 1/4	42	11	13 W M	40.00
W 1/2 NE 1/4	42	11	13 W M	80.00
SW 1/4 NW 1/4	47	11	13 W M	40.00
W 1/2 NW 1/4	47	11	13 W M	80.00
SW 1/4 NE 1/4	52	11	13 W M	40.00
W 1/2 NE 1/4	52	11	13 W M	80.00
SW 1/4 NW 1/4	57	11	13 W M	40.00
W 1/2 NW 1/4	57	11	13 W M	80.00
SW 1/4 NE 1/4	62	11	13 W M	40.00
W 1/2 NE 1/4	62	11	13 W M	80.00
SW 1/4 NW 1/4	67	11	13 W M	40.00
W 1/2 NW 1/4	67	11	13 W M	80.00
SW 1/4 NE 1/4	72	11	13 W M	40.00
W 1/2 NE 1/4	72	11	13 W M	80.00
SW 1/4 NW 1/4	77	11	13 W M	40.00
W 1/2 NW 1/4	77	11	13 W M	80.00
SW 1/4 NE 1/4	82	11	13 W M	40.00
W 1/2 NE 1/4	82	11	13 W M	80.00
SW 1/4 NW 1/4	87	11	13 W M	40.00
W 1/2 NW 1/4	87	11	13 W M	80.00
SW 1/4 NE 1/4	92	11	13 W M	40.00
W 1/2 NE 1/4	92	11	13 W M	80.00

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