

OUR COUNTRY CORRESPONDENCE.

DEER ISLAND.

Deer Island, Jan. 13.—The entertainment and social given by the Deer Island, N. B. T. of T. in the Deer Island Hall...

GAGETOWN.

Gagetown, Jan. 11.—The horse race postponed on New Year's day took place this afternoon. In the first race...

DORCHESTER.

Dorchester, N. B., Jan. 16.—(Special)—The January session of Westmorland Circuit Court opened here this afternoon...

HARVEY STATION.

Harvey Station, York Co., Jan. 13.—Little children from St. Stephen have done quite a trade here this season...

MONCTON.

Moncton, N. B., Jan. 15.—(Special)—Harry Moore, suffering from smallpox, is still in a critical condition...

FREDERICTON.

Fredericton, Jan. 16.—(Special)—Only two members of the local government Messrs. Dunn and Hill have arrived in the city...

HOPEWELL HILL.

Hopewell Hill, Jan. 13.—The funeral of Mrs. Nellie Dow, widow of Allen Dow, who died last week...

WATERFORD.

Waterford, Kings county, Jan. 14.—The Sussex and Stubbins Farmers' Institute held a very interesting public meeting at this place last evening...

POINT WOLFE.

Point Wolfe, Jan. 15.—Mr. and Mrs. Greer are rejoicing over the arrival in their home of a baby girl...

ST. MARTINS.

St. Martins, Jan. 15.—Upwards of 40 of the friends of Mr. and Mrs. George R. Weir met at their home Monday evening last to celebrate the tenth anniversary of their wedding...

LOWER QUEENSBURY.

Lower Queensbury, York county, Jan. 14.—A very pretty wedding took place at the residence of Mr. Geo. L. Slipp, Lower Queensbury, on Saturday last...

MIDDLE SOUTHAMPTON.

Middle Southampton, Jan. 15.—Rev. J. Barnes, the energetic pastor of the Free Baptist church, was the guest of friends of varying denominations assembled at the parsonage and taking part in a social gathering...

APOLAQUI.

Apolaqui, Jan. 16.—An entertainment was given last night by Mr. and Mrs. W. A. Jones to the young people of Apolaqui and Stoddard...

SUSSEX.

Sussex, Jan. 15.—Sussex parish held a Sunday school convention in the Free Baptist church Tuesday, one of the most successful ones during this month...

FOR FARM HOMES.

Mr. J. Quinn, Department of Public Works, Toronto, Gives Simple Method of Disposing of House Sewage.

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Indian Corn as the Cause-Skim Milk, Expertness summarized. Many theories have been advanced to account for a softness in pork...

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FRANK T. SHUTT, M.A. Chief Chemist, Dominion Experimental Farm.

paratively small amount of trouble to produce the desired results. Referring to the accompanying cuts it will be seen that a tank (fig. 1) constructed preferably with bricks or stone well bedded in cement to prevent leakage, is built at such a slope as to allow the discharge pipe "D" which is of glazed tiles to leave it at a depth of not more than twelve inches beneath the surface of the earth...

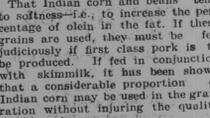


FIG. 1. Sewage disposal tank with discharge pipe and valve.

The natural functions of many of these microbes tend to produce one result, viz., purification, and when air and water are present, the various species of microbes which are necessary to the proper decomposition of waste matter, it will be unnecessary to state that in the deep sub-soil where both are impossible, microbe life cannot exist, hence it is that instead of being converted into life producing matter at the surface of the earth, with its danger of infection to the inhabitants of the deep earth until it is washed into some near-by well or stream, there is caused by drinking water, the production of disease.



FIG. 2. Sewage disposal tank with discharge pipe and valve, showing a different configuration.

It may be said that wells are too numerous to be removed from the cess-pool, but the experience of the village of Lawson, near Basle, in Switzerland, will be sufficient to controvert any assertion to that effect. In the village referred to, which had not within the memory of man been visited by epidemic typhoid, and in which not a single case occurred for many years, there broke out in the year 1882 an epidemic which simultaneously attacked a large portion of the inhabitants.

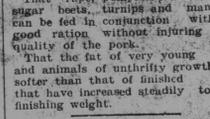


FIG. 3. Sewage disposal tank with discharge pipe and valve, showing a third configuration.

It will be noticed that a dividing wall is built in the centre of the tank to a height of about two inches from the top, the latter space being left for the free passage of fresh air, and a sub-dividing partition of planks with small spaces left between to allow the liquid to pass through it into the compartment below. The object of the latter partition is to keep the bulk of the liquid above the level of the discharge pipe, and to prevent the entry of fresh air which passes over the sewerage and up through the soil pipe "E" into the compartment No. 2, the valve "C" of which is closed. When, however, the liquid rises to the level at which the valve "C" is set, the valve opens, discharging the whole contents of the compartment No. 2, be it fifty or one thousand gallons into the system of sub-surface tiles through which it soaks into the earth there to be taken care of by nature as already explained.

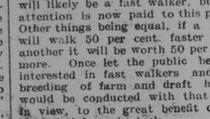


FIG. 4. Sewage disposal tank with discharge pipe and valve, showing a fourth configuration.

As the valve closes automatically when the tank is nearly empty, it will be seen that sufficient time will be given for that which has just been discharged to soak away before the tank fills again and the operation is repeated.

Regarding the size of the tank necessary, it may be said that for an ordinary family a tank for four or five persons, with a height of three feet to three feet six inches would be sufficient, while for hotels or institutions one large enough to hold about eight gallons for each inmate would be ample.

Virtue in Paint.

Paint applied now to farm implements will have staying quality, and saving value.

To Preserve Vitality.

The seed potatoes should be where frost cannot reach them.

FED ON CORN. FED ON BEANS.

counterparts in a very marked manner any tendency to softness. That pigs, primed with trichoke, sugar beets, turnips and mangels can be fed in conjunction with a good ration without injuring the quality of the pork, is well known.

That the fat of very young pigs and animals of unthriftly growth is softer than that of mature pigs, is a fact which has been noted by many writers in the past.

Fast Walking Horses. Horse breeders and trainers almost entirely overlook or neglect one of the most valuable features in a horse, and that is fast walking. It is a quality which is fast becoming a desideratum in the hands of the practical farmer.

This seems never to be bred for, and as to training for it, but no attention is ever given to it. Other things being equal, if a team will walk 50 per cent. faster than another, it will be worth 50 per cent. more. Once let the public become interested in fast walkers and the breeding of farm and draft horses would be conducted with that end in view, to the great benefit of all concerned in such stock.

Milk Absorbs Bad Odors.

You cannot feed moldy hay, bad silage, musty corn fodder that has been put into the mow when it was not in shape to go there, and get good milk. The use of any such materials will get you into trouble and will of itself prevent you from making high grade milk.

No feed that has an odor should be permitted to remain about the stables. You may see a vessel filled with milk in a silo for an hour, then, if you take it out and heat it, you can tell by the nose it has been in the silo. At the Vermont station we could heat the milk up to 110 degrees and by the smell tell whether it had been near a hog pen or not.—H. B. Gurler, before the Illinois Dairyman's Convention.

The Tail of the Horse.

To cause hair to grow in the tail of a horse, the tail should be washed with hot water, and then with cold water, and then with a solution of mercuric iodine and formalin, and finally with water.