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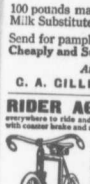

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is allowed. The results are being watched carefully in these townships and, from data obtained, a standard schedule of rates for rural distribution will shortly be compiled.

LIGHTING THE ROADS

There has always been a very general demand for some form of road lighting in the rural districts, and although it is not necessary to have as much illumination as in towns and cities, lights are sometimes required along the roads and at such places as railway crossings, bridge, culverts, grades, etc. In those districts where cost is of primary importance it is usual to install one 100 watt lamp outside the gate of each farmer who is being served with power. This light is placed directly under the cross arm and is controlled by a switch near the front door of the farmhouse, while in districts where a more complete lighting system is required, it is usual to install a series lighting system with 100 watt lamps and radial wave reflectors every 1,000 feet.

Estimates are now being prepared for a series of street lighting system along the main roads of Toronto Township and in North Norwich Township, the plan of placing lamps outside each farmer's gate is being adopted with good success.

SPECIAL EQUIPMENT

A most important part of the electrical equipment on the farm is the water heater. This heater consists of a galvanized iron tank, capable of holding about 20 gallons of water, surrounded by insulating material and a wooden casing to reduce the heat losses. A 600 watt heating unit is put into the bottom inside of the tank. Most of the farmers are purchasing their current on a flat rate, so that this heater provides a good use for their available current at night. On going to bed the farmer starts the heater and in the morning has a good supply of boiling water in the milk house for washing the milk pails, cream separator parts, and milking machine parts as well as for making bran mash or other mixtures for a sick animal. This has been found one of the most useful applications on the farm as the milk inspectors insist on thorough cleanliness in the dairy.

Harness Items

J. L. Manning, Kings Co., N. S.

There is not much time before spring opens to overhaul, repair and oil harnesses if the work has not already been done. Harnesses cost too much nowadays to neglect them, and if this work has not already been done it had better be done immediately. The common neatsfoot oil that our grandmothers boiled at home is the best oil that I have ever used. If you have not a supply on hand it can be got from the hardware store or harness shop. One quart will thoroughly oil a double set of harness if the harness is cleaned properly before oiling.

My method of cleaning the harness is to unbuckle everything that will unbuckle. Wipe with a piece of cloth to remove dirt, grease and hair, then throw all the leather parts except the collars into a tub of warm water and soap and thoroughly wash and cleanse by hand. I then thoroughly dry and apply the oil slightly warm.

Each part must be worked and reworked until it absorbs oil enough that it will remain limber. Then wipe off all superfluous oil with dry rags. I finish by smoothing and polishing with a good black harness soap. This latter, however, is not necessary to the longevity of the harness.

Running water on the farm

A Fairbanks-Morse Pneumatic Water System like the one pictured here, can be quickly and easily installed on any farm.

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7	42	16½	6, 6, 7, 7, 8, 8	.22	.24	.27
7	36	9	5, 5, 4, 5, 5, 6	.23	.25	.28
8	48	16½	4, 5, 6, 7, 8, 9, 9	.26	.28	.31
9	36	12	3, 3, 4, 5, 6, 6, 6	.27	.29	.32
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