

better still. Straw packing needs to be about two feet thick on the sides and top of the ice-pile and ten inches underneath. Saw-dust needs to be about 16 inches thick on the sides and top and six inches underneath. Always provide for a two-foot open space over the pack, as ice needs overhead ventilation. It is best not to try packing less than five or six tons. Forty cubic feet makes a ton. The ice should, whatever the quantity, be packed in a cubic pile, as near as possible. A pile six feet by six feet square and six feet high will make about five tons. The ice-house is generally looked upon as a formidable feature of ice storing but it is not. Any place that will protect from side drafts, sunshine and rain overhead, will do to store ice in. A corner in a barn, stable, woodshed or portable granary will do as long as the ice pack can be protected as above stated. A house to hold the above mentioned pack needs to be 10 feet square and eight feet high. Two by four scantling or squared poplar poles covered with two thicknesses of half-inch stuff and two thicknesses of building will do. Do not use tarred paper. Two layers of half-inch stuff with no paper between warped over the top makes a good roof. Have the door in one end of the gable and above the ice. It is better on the sliding plan so that it can be left, most of the time, partly or full open.

Packing is a simple and easy performance. House, and ice cut in squares or rectangles, with right angle corners, being ready, put into the house. A layer of poles, brush or anything should be used to keep the ten inches of straw up from the ground. There must be absolutely no water or seepage of any kind under the ice. Place the blocks so that say a half-inch space is left between them. When the bottom layer is complete fill the crevices full of clean snow or pulverized ice. Then add another layer until the pack is complete. Fill in the packing a foot at a time, tramping as hard as possible. Put two feet deep, tramped, over the top of pack. Do not leave the door ajar or open during snow or rain storms. We furnish by far the greatest amount of cream of any single patron to our local creamery and have no trouble in having perfectly sweet cream delivered twice a week. If all farmers who produce milk, cream, butter and cheese would store and use ice, the quality of our dairy products would jump up 25 per cent.

J. E. F.

Moosomin, Sask.

STORING ICE IN WELL

Last winter my good wife kept at me to try putting some ice in our old discarded well, that is nine feet deep, until I, like most good husbands, yielded and did so. I chose a time when the men in our village were filling their ice houses, so did not even have to saw out the ice, but was told to help myself to what I wanted. I got three large blocks weighing in all about 1,000 pounds. I made a platform about eighteen inches higher than I expected the water to come, and placed the ice on it, covering with about four feet of straw. We had ice to use all summer, besides keeping our cream cool enough to grade extra No. 1.

F. STUART JONES.

Stenen, Sask.

FROZEN FORMALIN

Q.—Is formalin rendered useless by freezing? Is there any simple test for formalin?

A.—Lowering of the temperature has the same effect on formalin as concentration by evaporation. In either case an insoluble compound known as para-formaldehyde is formed. This change, which is characterized by a milky appearance, reduces the germicidal value of the formalin. Solution can be obtained, however, by warming with the addition of water. There is no simple test for the strength of formalin.—A. J. Galbraith, Professor of Chemistry, M.A.C.

You Can Plow Deep in Wet Land with a



The lever hitch carries the pull of the plow up over the drive wheel. The harder the pull, the harder the wheel grips the ground.

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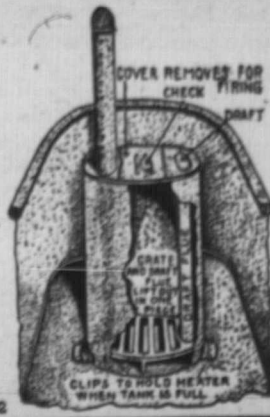
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