

## Hints on Storing Ice

The accompanying plan shows a convenient arrangement for the storing of ice in connection with a milk stand. It is designed to meet the needs of patrons of cheese factories and creameries. Many of the progressive farmers in Hastings and Prince Edward Counties, Ont., have adopted this plan. This combined arrangement, which affords both protection from the weather and dust, and also from animals or insects, if all openings are provided with screens, and convenience for the cooling of the milk, cannot be too highly recommended. Very great improvement would be made in our hot weather or cheese if the night's milk was always properly cooled. The saving of loss in cases where the milk turns sour before reaching the factory would also amount to a very considerable sum.

To those who have had but little experience in the storing and handling of ice the following extracts from Bulletin No. 10 of the Dairy and Cold Storage Commissioners series will prove helpful.

1. Provide for drainage by filling the area of the ice-house with broken stones or cobble stones, covered with cinders or gravel. A few inches will do on the top of a gravelly and porous soil. On a heavy clay soil a greater depth will be necessary. A tile drain should be laid in the earth, under the gravel, along the centre of the building.

2. Before putting in the ice cover the stones or gravel in the ice-house with 12 inches of dry saw-dust.

3. Pack the ice directly on the saw-dust. Leave a space of 12 inches between the walls and the ice. Place the cakes of ice as close together as possible, and fill in all unavoidable spaces with crushed ice or snow, well rammed. Never use any sawdust between the tiers.

4. Fill the 12-inch space between the

ice and the wall with dry saw-dust. Be careful that the saw-dust does not contain any ice chips or snow. When no saw-dust is available, cut hay or cut

(24 inches instead of 12) and care should be taken to have the hay or straw packed as well as possible. 5. Cover the ice on top with saw-

an equally good covering, if used in proper quantities. When saw-dust is used, put on 2 feet thick at first. This will leave 12 inches to spare to fill in the sides in the spring, when the saw-dust along the sides has settled.

6. A loft floor over the ice-house does more harm than good, as it prevents circulation of air and keeps the covering damp. Have an opening at each end of the gable fitted with louvre boards, and have a ventilator 18-inch square going through the middle of the roof to create a thorough circulation of air and thus prevent accumulation of heat under roof.

7. Bank the ice-house up above the sill with earth or saw-dust, in order to prevent any entrance of air around the sill.

## Send Good Stock Only

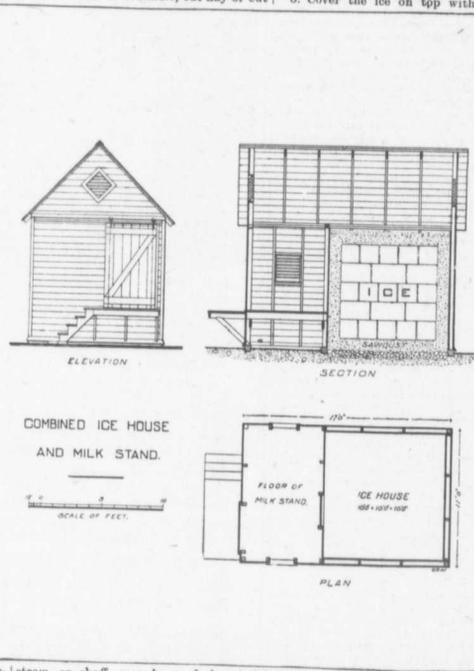
Ed. Farm and Dairy.—Dairying is steadily gaining ground in this province of Alberta. The demand for good dairy stock has become quite brisk. Eastern breeders will have an excellent market in Alberta if it is encouraged by the careful selection of the animals to send here.

Animals of the best merit only, of uniform size, of vigorous constitutions and of prepotent dairying quality can be handled to advantage. Any inferior stock sent here at the present stage of development will work incalculable injury to all concerned.

Investments in dairy stock are closely watched in every district. When they prove successful, others are quick to note the improvement and to benefit by their neighbors' experience. I have given several inquiries to eastern breeders, and I wish to urge upon all breeders to cultivate the Alberta market by sending nothing but what will serve to whet the purchasers' appetite for more.

Nothing is too good for Alberta. I hope to bring another carload of Ayrshires out for sale in March if I can secure them in time to have them distributed before seeding time.—J. G. Clark, Strathcona Co., Alta.

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straw, or chaff, may be used, but in this case the space between the wall and the ice should be twice as large as dust or long hay; 12 inches of saw-dust will do. Hay should be put on 2 feet thick. Hay and saw-dust make

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