

aging the growth of the desirable germs, and thus preventing, in some measure, the undesirable ones from multiplying. It must not be forgotten, however, that unless aeration is carried on in a place where the atmosphere is free from dust or foul odours, and away from barn-yards, stables or other places where cows are milked, it may be the means of contaminating the milk rather than improving it.

Milk is not prevented from turning sour by aeration, except so far as the process lowers the temperature. In cool weather the reduction of temperature may be considerable, but on the other hand when the air is very warm, the effect is very slight. It is advisable, therefore, during warm weather, to supplement the aeration with cooling by cold water.

Utensils constructed to combine the effect of aeration and cooling are useful for this purpose, or the vessels containing the milk may be surrounded with cold water. Cooling will be more easily accomplished if the milk is held in small vessels rather than in large ones.

#### HONEST MILK.

All milk supplied to creameries should be valued and paid for on the basis of the quantity of fat contained in it. The adulteration of milk by the addition of water, the removal of any portion of the cream, and the keeping back of any part of the strippings are forbidden by the Dominion Statutes.

#### SUMMARY OF IMPORTANT POINTS.

##### *For the Creamery Owners.*

1. Provide a supply of good, pure water for the purposes of the creamery.
2. Provide efficient drainage to prevent the slops and waste water from becoming a nuisance and possibly contaminating the products of the creamery.
3. Where skimmilk is returned to the patrons, arrange the skimmilk tank so that it may be easily cleaned, and then insist on it being kept clean.
4. Support your buttermaker in dealing firmly with patrons who bring milk which is not in good condition.

##### *For the Buttermaker.*

1. Attend personally to the taking in of the milk as far as possible.
2. Keep your weighing stand and everything thereon, including your own person, thoroughly clean. You have no right to require the patrons to furnish clean milk unless you set a good example.