

# Canada Agriculture and Food Museum

## Electricity on the farm picture series

### Refrigerator > bulk tank



Photo: Farm and Food Care Ontario

At a dairy farm, the milk is stored in the bulk tank. This tank is refrigerated. The bulk tank cools the milk and keeps it cold until a refrigerated truck picks it up to take it to the dairy.



## Computer > farm computer



Computers are used on farms in many different ways. Farms are businesses, so computers can be used to keep business records (e.g., budget information, equipment inventories, or animal health logs). Computers can also be used to program and monitor certain equipment, set temperatures, or automatically adjust fertilizer sprayers.



## Fan > barn fan



Inside

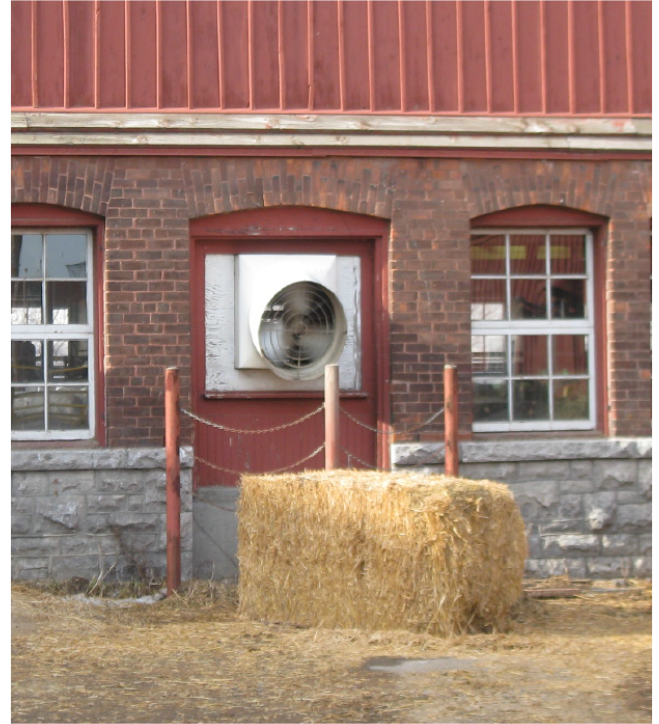


Photo: Canada Agriculture and Food Museum  
Outside

Barn fans are used to circulate air in the barn. This keeps the animals from overheating during the warmer months and ensures a supply of fresh air year-round. The fans in the above photographs are in a dairy barn. They are important because heat stress can have a significant impact on dairy cows' milk production. Barn fans work to keep dairy cows and other farm animals cool and happy.



## Lamp > lighting in a barn



Photo: Canada Agriculture and Food Museum

Barns have lights, just like houses. In some kinds of farming, lighting plays an important role. For example, hen egg production is stimulated by light cues. By controlling the light, Canadian farmers can ensure a steady supply of eggs year-round.



## Vacuum > barn cleaner



Inside



Photo: Canada Agriculture and Food Museum

Outside

A barn cleaner is used to keep the barn clean and tidy. Unlike a vacuum, however, it does not use suction to pick up the dirt. Instead, it uses a conveyer chain to collect manure and other waste from behind the cows and transports this waste out of the barn.

**This lesson plan was produced by the Canada Agriculture and Food Museum.**

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