

Food Safety



Fact Sheet: TTR Data Retrieval Options for Data Loggers

The Food Safety program requires farmers to monitor the temperature of the milk in their bulk tanks and the temperature of the wash or rinse water in their return pipes. Farmers can record the data manually or use time temperature recorders (TTRs) to automatically record the information; however, TTRs are mandatory in some provinces.

Data loggers are TTRs that store the information electronically. Farmers must have at least one year of data available to validators. If a TTR has smart alarms, only the alarm log must be available; however, if the TTR does not have smart alarms, all data points must be available.

Food Safety Requirement: records must be easily accessible and available for at least one year.

Table 1: Examples of Methods to Access Data (from a Farmer’s Perspective):

Data access	Description
Bluetooth	<ul style="list-style-type: none"> Wirelessly transfers data to handheld. TTR and handheld do not have to be in line of sight. Non-invasive. <p>Note: in some cases cost is minimal if purchased immediately, but more costly if added later.</p>
Infrared	<ul style="list-style-type: none"> Wirelessly transfers data to handheld. TTR and handheld must be in line of sight. Non-invasive.
Wire in	<ul style="list-style-type: none"> Hard wire TTR to handheld. <p>Note: may have to open unit which may cause risk of exposure.</p>
Diskette	<ul style="list-style-type: none"> Copy memory onto diskette and plug it into handheld. <p>Note: may have to open unit which may cause risk of exposure.</p>
Farmer PC	<ul style="list-style-type: none"> Computer contains software to read data. Non-invasive.

Conclusion: When you purchase a TTR make sure a validator can easily access at least one year of data, and check your choice with your provincial association because they may have their own requirements.

Who can I contact for more information?

1. Your provincial producer association
 2. Visit: www.dairyfarmers.ca/proAction
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