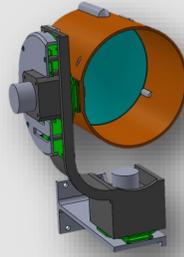




## Barn Fire Prevention Technology

Beginning in early 2017, Farm & Food Care Ontario (FFCO) has been working in collaboration with commodity groups, OMAFRA, and Harvest Measurement, on a heat-sensing prototype for livestock barns to detect rises in heat even before an ignition or fire starts. Throughout the project, performance testing and data collection enabled the creation of various prototypes with hardware and software updates being performed based on test results. With the development of a successful prototype, Harvest Measurement will be looking for additional funding or partners to build and test 10 more systems, before considering commercial production.



Prototype Version 4



Overview of the System:

1) Detectors scan room and maps temperature/heat sources. 2) Software automatically identifies temperature changes. 3) Notify your smartphone, or other alarm systems in the event of any significant temperature fluctuation. A video monitor will let you see the zone of concern in order to gauge your response.

## Timing Matters Working Group

Farm & Food Care is a member of the 'Timing Matters Peer Response Team'. This is a peer-to-peer network made up of a coalition of farm organizations (along with most commodity groups). The team's mandate is to listen and help farmers identify practical alternatives to spreading in the winter in an effort to use nutrients more effectively and reduce the environmental impact on local creeks, rivers and lakes. Emphasis of the peer-to-peer format will be to remind producers of the risks of runoff in spring thaw waters from manure spread on frozen or snow covered ground.

For more information contact [Bruce@farmfoodcare.org](mailto:Bruce@farmfoodcare.org) or the chair Mike Mitchell through Ontario Pork.

## Upcoming events & meetings

- Collaborative Agriculture Meeting, December 14
- Farm & Food Care Joint Advisory Council Meeting, January 8, 2018
- Farm & Food Care AGM, April 11, 2018

## New on the website

- Farm & Food Care's Bin Fire Safety Video

<http://bit.ly/2hRUy1j>

- Farm & Food Care's Bin Rescue and Recovery Video

<http://bit.ly/2l36G45>

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