

Title: How are farmers coping with climate change?

### Summary

University of Guelph students partnered with Ecological Farmers Association of Ontario to address climate related challenges farmers may face.

### Transcript

Filmed from above, text appears and disappears over a light blue background covered in vegetables, soil and gardening tools. Sometimes a woman's hand and face appear and she draws decorative text and illustrations on the background.

The text reads:

Problem: Climate change can have disastrous effects on food production. Extreme temperatures; flooding; drought. Weather effects on farms can be highly localized. However, weather data is difficult for farmers to access, navigate and interpret...and knowledge sharing between farmers is not always easy. We partnered with EFAO to address some of these challenges for organic farmers in Ontario. Our work unfolded in two domains: farmer surveys and weather data "wrangling". We asked farmers to identify their weather challenges, share perceptions of climate change, and tell their stories to build resilience. And we created an app to overlay temperature and precipitation data to inform decision making. Together these solutions will help share knowledge and empower decision-making for local organic farmers. Special thanks to: Ecological Farmers Association of Ontario; Food from Thought; Canada First Research Excellence Fund. Community engaged projects prepare our students to become tomorrow's leaders in the agri-food sector through experiential learning. For more information, visit [arrelllfoodinstitute.ca/partner](http://arrelllfoodinstitute.ca/partner). Over 90% of the food used in the making of this video was donated or diverted from waste.