

# Farmer-led Research Year-in-Review 2018

The **Ecological Farmers Association of Ontario's Farmer-led Research Program** supports farmers to answer their most challenging on-farm questions.

In 2018, **20 farmers** conducted **14 research projects** - the results of which help them to build resilient ecological farms.

You can read full summaries of the projects on the **Research Posters** posted around the conference. These summaries will be available in January 2019 at [efao.ca/research-library](http://efao.ca/research-library).



SOIL HEALTH

**Brent Preston and Gillian Flies**, The New Farm - West

*Does tarping between succession plantings reduce the amount of tillage and labour required for organic salad production?*

**Val Steinmann and Brent Klassen**, Heartwood Farm and Cidery - Central

*Does biochar improve tree growth in a newly established apple orchard?*

**Angie Koch**, Fertile Ground Farm - West **Results next year**

*Does a spader to reduce discing help improve soil structure?*



DISEASE & PEST  
CONTROL

**Felicia Syer Nicol**, Sycamore Farm - West

*Is Fusarium infection in garlic reduced with a copper spray or biostimulant?*

**Joseph Imre and Jazmin Bansagi**, Seven Fields Farm & Orchard - East

*Do organic sprays differ in their efficacy against disease in black walnut?*

**Jessica Gale**, Sweet Gale Gardens - West **Results next year**

*Ecology in action for Dahlia production: Can a trap crop lure cucumber beetles and their predators?*



PASTURE  
REGENERATION

**Tony McQuail**, Meeting Place Organic Farm - West

*Does ultra high density grazing as part of adaptive multi-paddock grazing have merit in Ontario?*



**Ecological Farmers**  
ASSOCIATION OF ONTARIO

## Farmer-led Research Year-in-Review 2018 continued



SEED PRODUCTION  
& BREEDING

**Peggy Baillie**, Three Forks Farm - North

*Is lettuce seed production in northern Ontario improved using a hoop house?*

**Annie Richard and Kathy Rotherme**, Kitchen Table Seed House - East

**Greta Kryger**, Greta's Organic Gardens - East

**Rebecca Ivanoff**, Unaffiliated - Central

*Is it possible to breed an early, blocky pepper with good flavour that is adapted to organic systems in southern Ontario?*

**Duane Falk**, Mimosa Breeding and Research - Central

*Is it possible to breed a delicious winter hardy garden pea for most of Ontario and eastern Canada?*

**Jessica Gale**, Sweet Gale Gardens - West

With **Jen Feddema**, **Joanne Feddes**, **Janis Harris**, and **Sas Long**

*What is the best variety of Sweet Pea to grow in southern Ontario?*



WEED CONTROL

**Pat Kozowyk**, Baba Link Farm - West

**Ivan Chan**, Eden in Season - West

**Arthur Churchyard**, Eramosa Currants - West

*Does comfrey promote growth and fruit production of saskatoon berry and black currant?*

**Eric Barnhorst**, Eva Mae Farm - East

*Does planting timing of green mulches affect yield of garlic and labour?*



COVER CROPS

**Ken Laing**, Orchard Hill Farm - West **Results next year**

*Do winter-killed cover crops provide cover in fall and winter with suitable field conditions to no-till plant spring cereals?*

To join the Farmer-led Research Program, please visit [efao.ca/farmer-led-research](http://efao.ca/farmer-led-research), talk to an EFAO staff member or email Sarah Hargreaves, [sarah@efao.ca](mailto:sarah@efao.ca).



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