

EFAO 2022: Research Protocol

Planting dates for overwintering hoop-house crops in northern Ontario

Farmer-researcher(s): Ryan Spence, Field Good Farms - NORTH

Project type: Research trial

Research priorities: Seed selection, production, & breeding

EFAO Contact: Sarah Larsen, sarah@efao.ca

Objective

Objective here

Background

We are currently running a variety trial to evaluate the overwintering potential for three different varieties of kale, chard, and cilantro. Our hope is to select the variety that has the best survival rate and spring yield for each crop and then evaluate 3 different fall seeding dates to get the best spring-time survival and production.

Kale, cilantro, chard

We will not know until this spring.
winter survival and spring production
Survival count and marketable yield.

Experimental Design

No-till beds in two different high tunnels.

Field Layout

Hoophouse 1

Hoophouse 2

EFAO 2022: Research Protocol

	Main Plot	Subplot
Block 1	Kale	Planting 1
		Planting 2
		Planting 3
	Cilantro	Planting 1
		Planting 2
		Planting 3
Block 2	Kale	Planting 1
		Planting 2
		Planting 3
	Cilantro	Planting 1
		Planting 2
		Planting 3

	Main Plot	Subplot
Block 3	Cilantro	Planting 1
		Planting 2
		Planting 3
	Kale	Planting 1
		Planting 2
		Planting 3
Block 4	Cilantro	Planting 1
		Planting 2
		Planting 3
	Kale	Planting 1
		Planting 2
		Planting 3

Description of layout here

Statistical model

Statistical analysis or design here

Measurements

Measurement title

What measurement is being taken - qualitative or quantitative

- Steps on how the measurement will be taken
- Link to data collection sheet

Photos

When and what type of photos will be taken

Research Plan

Please note that if data is submitted after the submission deadline, EFAO staff cannot guarantee that your data will be analyzed and written up before the Research Symposium and/or the next growing season.

EFAO 2022: Research Protocol

Time	Task	Methods & Measurements or Action Item
December 31, 2022	Farmer-fee and research expense invoice with receipts for expenses	Submit invoices at this site: https://efao.ca/data/
January/February 2023	Finalize and publish research report	Work with EFAO staff to review polished research report for publication.

Staff check-ins

Staff check-in here

Materials

Please list all materials, supplies and equipment that will be reimbursed for this project. If possible, please also indicate a short-list of any in-kind materials, supplies and equipment that you will use.

Material	Unit	Quantity Required	Total Cost*	Note
Total				

EFAO 2022: Research Protocol

References

References here

Farmer-fee

Invoices for Farmer-Fees & Reimbursements

Research expenses

- Submit an **invoice along with copies of receipts** for all qualified expenses using form found at <https://efao.ca/data/>
- **Deadline:** December 31, 2022

Farmer-fee

- Submit an **invoice** for your farmer-fee using form found at <https://efao.ca/data/>
- **Deadline:** December 31, 2022

Memorandum of Understanding

Please fill out the MOU at <https://airtable.com/shrlAcZ7bowmTQwvd>