Farmer-led research and innovation for Agroecology

ORFC 2020
Rupert Dunn

Torth-y-Tir
Proposed field trial design 2 – "Torch-y-Tŷ Citizen Agroecology project"

Treatments: Biodynamic preparation ‘500’ (plus compost/manure + passive control)

- 4 x replicated block designs (randomised with controls)

This pattern will be replicated across two or three different fields (marked on following page). One batch of soil samples will be taken from each field. Spade tests will also be conducted and applied to aid in the identification of any soil that has been disturbed. The soil will be collected from each site, the treatment will be prepared and applied to the plot, followed by the incorporation of the soil into the plot. This will determine the effect of our prior application of treatments, the field will then be harvested at the end of the growing season. The soil samples will be taken on two occasions during the growing season and afterwards, harvested at the end of the growing season. The soil samples will be taken from each plot.

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Legend:
- Green = Control
- Blue = Positive control

[Diagram of field trial design]
Farmer Led research and innovation for Agroecology

Fred Price
@gothelneyfarmer
Becca Stevenson
5 Acre Community Farm
Farmer-Led Innovation and Research for Agroecology

Five Acre Community Farm

Community Supported Agriculture

Work with the community and help educate

Based on old trial field of HRDA / Garden Organic

Facilitate research for CAWR
Organic plus project

CAWR working with other universities around Europe
Looking at alternative mulches
At Five Acre two crops, white cabbage and onions

Blooms for Bees project

CAWR growing different types of beans and looking at bee behaviour
Social impacts of community food businesses

Working with CAWR and other community food businesses

Creating a toolkit to measure social impacts of CFB's

Workshops with other CFB's and CAWR

Engaging members for feedback
Three projects
Vacuum Seeder
Flame weeding wheelbarrow
Biochar stove
FARM HACK
A COMMUNITY FOR FARM INNOVATION

6th - 8th March 2020

Join us for a weekend in Leeds exploring & developing open source technologies & tools for small scale farming & forestry.

Leeds Farm Hack is a volunteer -run event aimed at sharing knowledge and skills for food and technology sovereignty. The weekend will include a number of 'live' build projects, skill shares and tool demonstrations. All of which attendees can get involved with.

Tickets:
https://www.facebook.com/events/1418356031658624/
Email: Veg@mvuf.org.uk