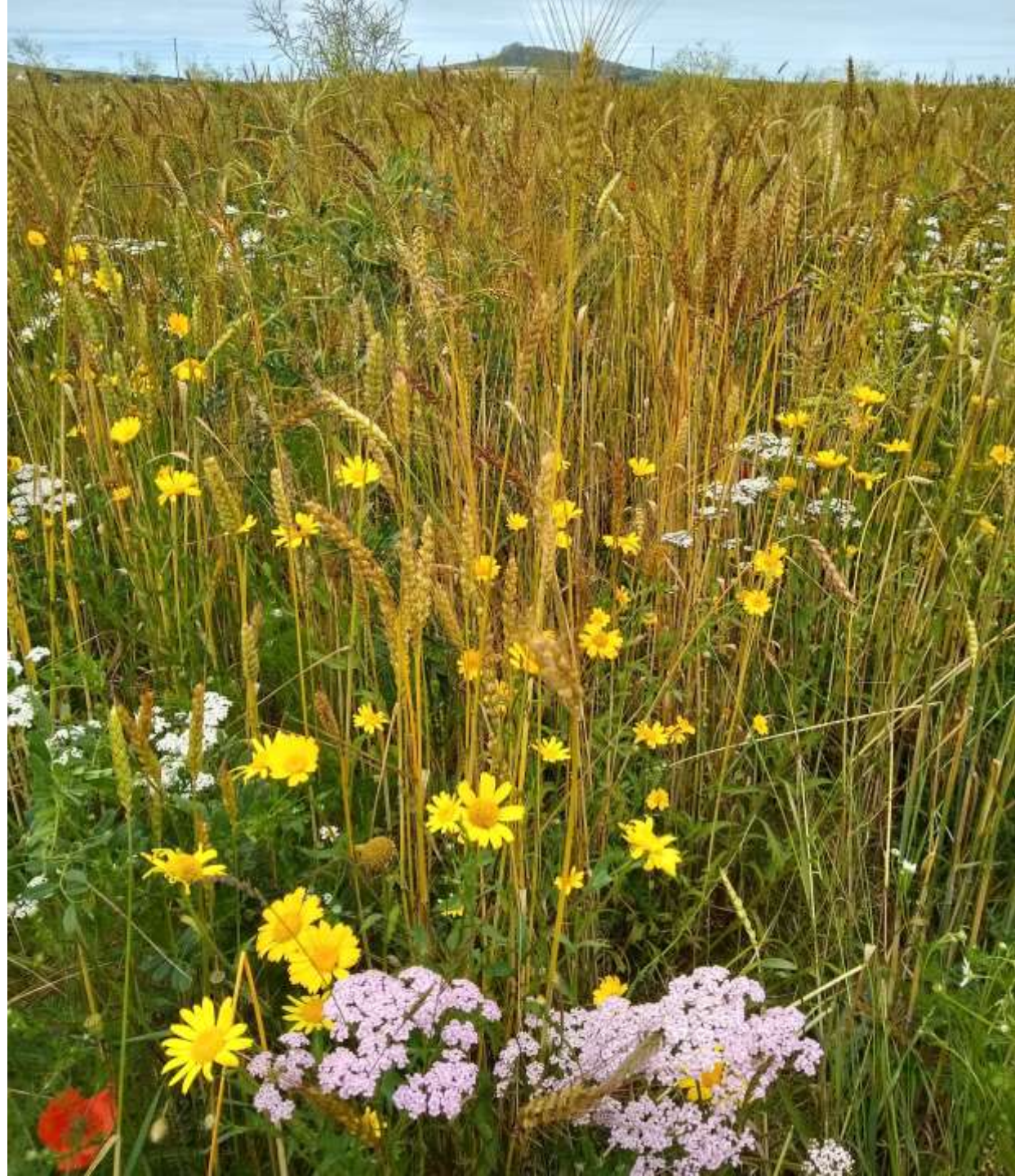


# Farmer-led research and innovation for Agroecology

ORFC 2020

Rupert Dunn

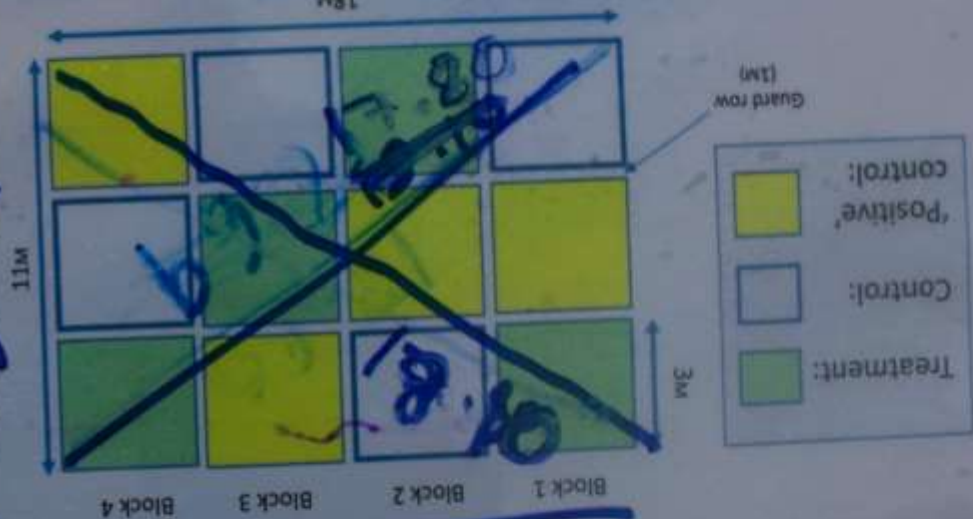
Torth-y-Tir





Proposed field trial design 2 - 'Torth-y-Tir Citizen Agroecology project'  
 4 x replicated block design (randomised with controls)  
 Treatment: Biodynamic preparation '500' (plus compost/manure 'positive control')

FIELD  
 EDGE



14  
 15  
 16

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 at each site. The treatment will be prepared and applied to ploughed soil (10/10/18). In addition to control plots, this design incorporates a 'positive control' of a manure/compost application. This will decrease the likelihood of a false positive effect of our primary treatment. Following application of treatments, the field will then be sown with 'TYT' population wheat. Biomass samples will be taken on two occasions during the growing season, and judged in terms of their health and physical dimensions. All plots will be harvested at the end of the growing season and weighed for marketable yield. Finally, soil samples will be taken and spade tests conducted again at this stage (with samples taken from each plot).









# Farmer Led research and innovation for Agroecology

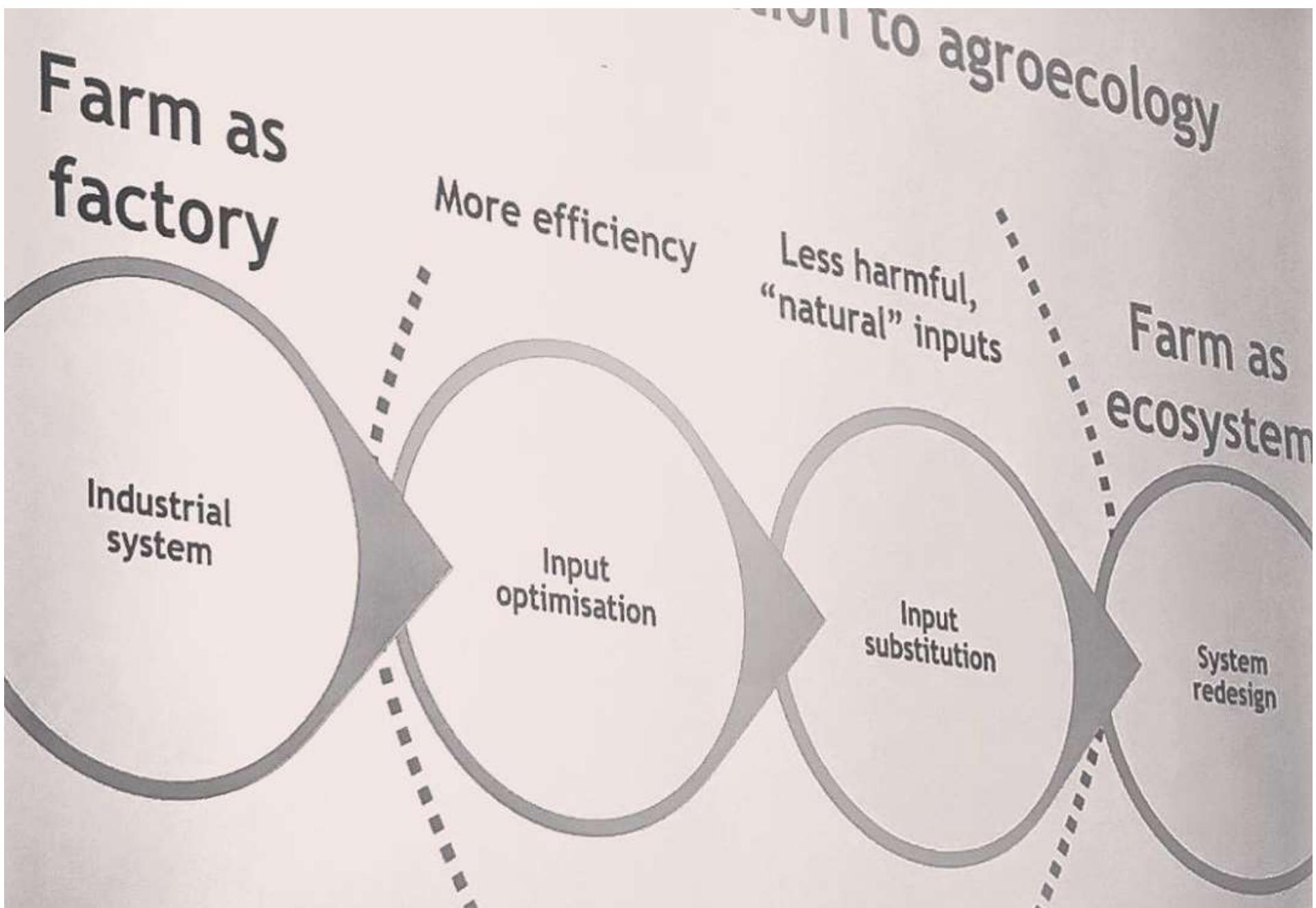
Fred Price

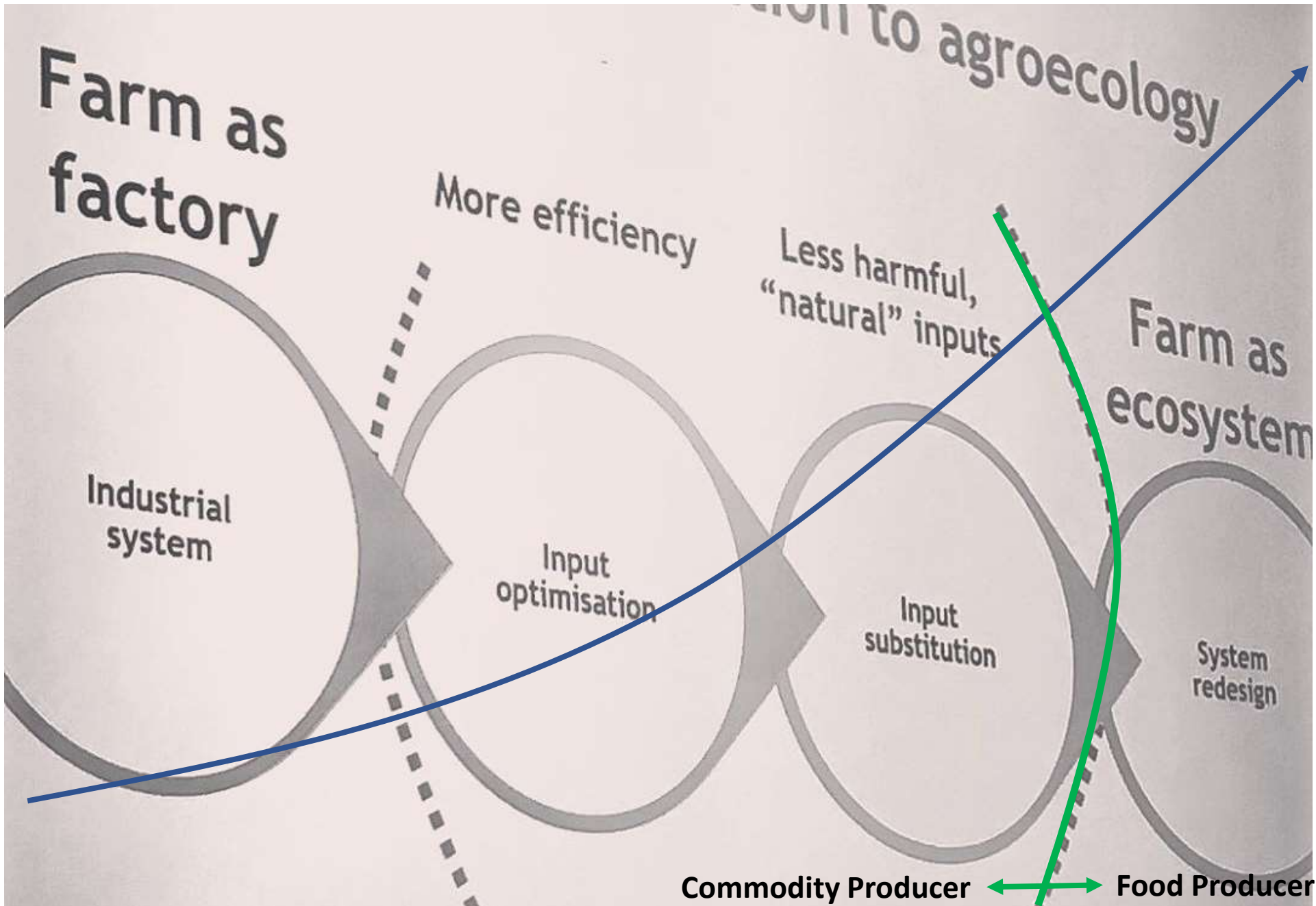
@gothelneyfarmer











Diversity  
Carbon

Commodity Producer ← Food Producer







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





FARM HACK 2019 PROGRAMME

TIME	DAYS	WELL MANSURE	MANSURE 2	MANSURE 3	OPEN SPACE
9:00-10:00	Breakfast				
10:00-11:00	10th-11th-12th-13th				
11:00-12:00	Break				
12:00-13:00	14th-15th-16th-17th-18th				
13:00-14:00	Break				
14:00-15:00	19th-20th-21st-22nd-23rd-24th-25th-26th-27th-28th-29th-30th-31st				
15:00-16:00	Break				
16:00-17:00	28th-29th-30th-31st				
17:00-18:00	Break				
18:00-19:00	19th-20th-21st-22nd-23rd-24th-25th-26th-27th-28th-29th-30th-31st				
19:00-20:00	Break				
20:00-21:00	19th-20th-21st-22nd-23rd-24th-25th-26th-27th-28th-29th-30th-31st				
21:00-22:00	Break				
22:00-23:00	19th-20th-21st-22nd-23rd-24th-25th-26th-27th-28th-29th-30th-31st				
23:00-24:00	Break				
24:00-25:00	19th-20th-21st-22nd-23rd-24th-25th-26th-27th-28th-29th-30th-31st				
25:00-26:00	Break				
26:00-27:00	19th-20th-21st-22nd-23rd-24th-25th-26th-27th-28th-29th-30th-31st				
27:00-28:00	Break				
28:00-29:00	19th-20th-21st-22nd-23rd-24th-25th-26th-27th-28th-29th-30th-31st				
29:00-30:00	Break				
30:00-31:00	19th-20th-21st-22nd-23rd-24th-25th-26th-27th-28th-29th-30th-31st				
31:00-32:00	Break				

# 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](mailto:Veg@mvuf.org.uk)