



The University  
Of Sheffield.  
Institute for  
Sustainable Food.

# The Institute for Sustainable Food

- 145 research groups working to address challenges to food security and sustainability
- Mission: To address challenges of food security and sustainability.
- £9m invested in research infrastructure since 2013
- We work with more than 100 different industry partners from across the farm to fork spectrum, including policymakers.
- For more info:
  - <https://www.sheffield.ac.uk/sustainable-food>
  - Holly Croft [h.croft@sheffield.ac.uk](mailto:h.croft@sheffield.ac.uk)

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# Key research themes

- Regenerative agriculture and soil health
- Land use policy and practice
- Improving biodiversity on agricultural land
- Protecting crop plants against pests and diseases
- Carbon sequestration potential of agricultural soils
- Better nitrogen use efficiency in crops, to reduce fertilizer inputs on field
- Increasing food production in urban areas



# Facilities

- 64 precision Conviron controlled climate growth chambers
- 450m<sup>2</sup> of greenhouse controlled chambers
- State-of-the-art mass spectrometry facilities
- Novel Plant Disease Phenotyping Platform in Class II facility





# H3 Project

- Healthy soils, healthy food, healthy people
- Research will focus on improvements to sustainability and resilience within horticulture, hydroponics and hybrid farms.
- For more information visit:  
<https://www.h3.ac.uk/about/>

