

# Watkins and the slug sleuths

20th WGIN Stakeholders' meeting February 6th 2023









# **BOFIN** British On-Farm Innovation Network

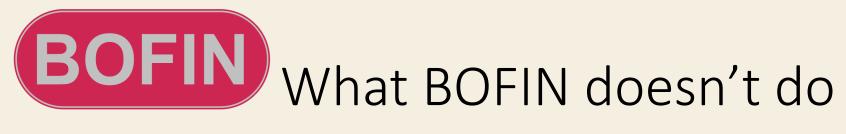
- Launched in September 2020
- Represents farmers who carry out on-farm trials
- Particular emphasis on precommercial tech
- Current membership 330+, 65% of whom are farmers



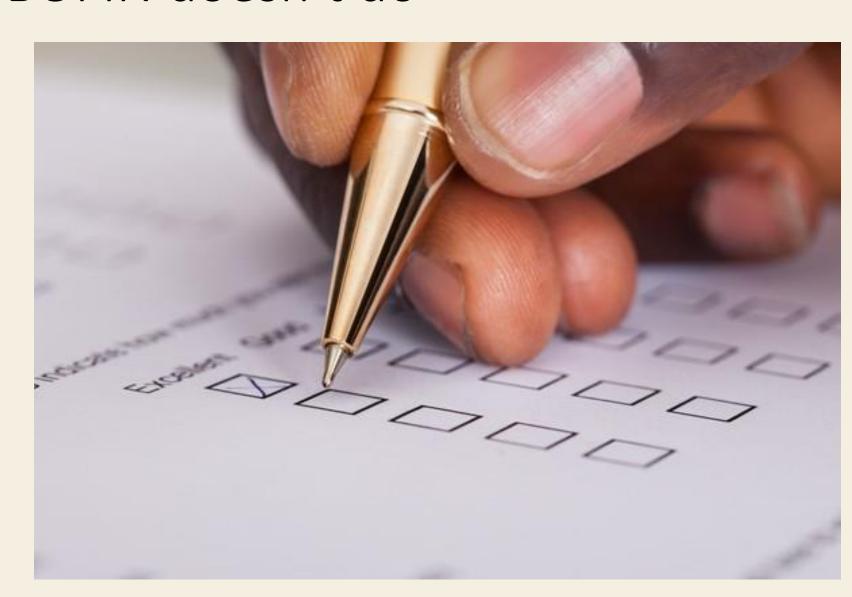


- For the farmer with a curious mind
- A spray miss is never a mistake, it's a learning opportunity
- The role of science
- Push the boundaries, cocreate the tools of 4AR





- Surveys
- Market testing





# **BOFIN** What about plant-breeding?

- The time-lag issue
- Multiplying up seed for an on-farm trial
- BYDV-resistant wheat
- New technologies
- Plant-breeding captures farmer interest
- Farming Innovation Pathways collaborative bids

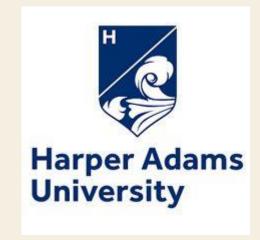














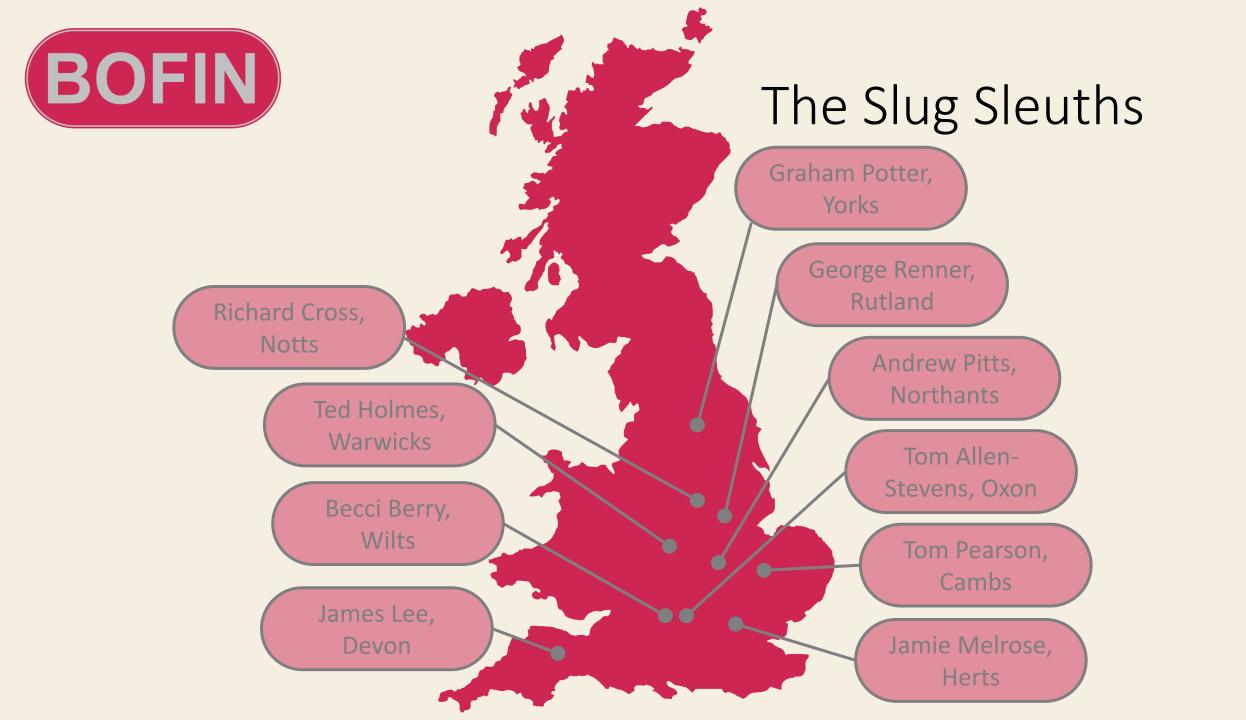


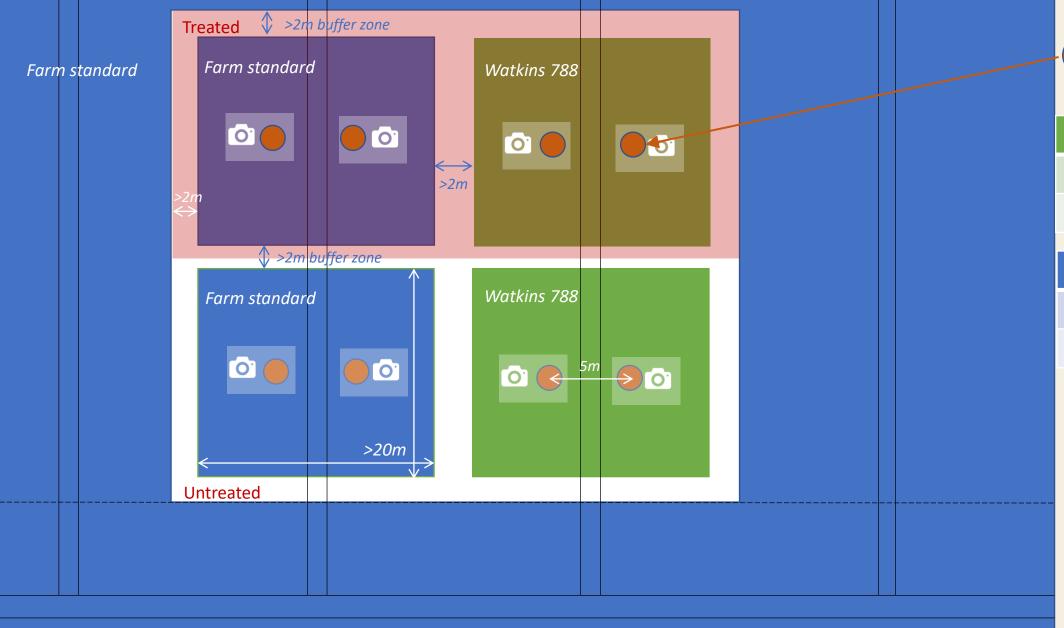












18cm trap
Marked up
as follows:

### Watkins 788

Treated – W1T & W2T

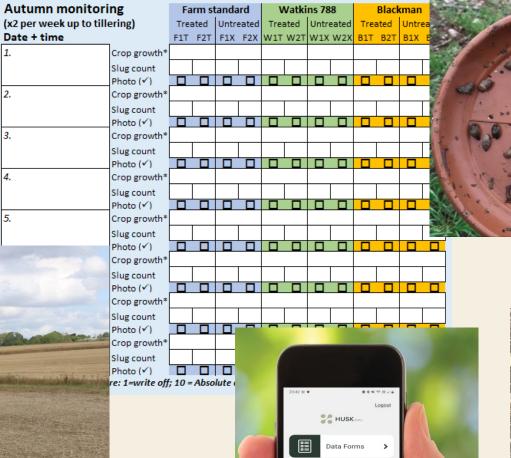
Untreated – W1X & W2X

### **Farm standard**

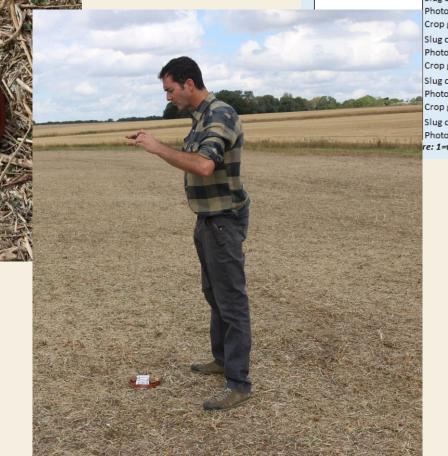
Treated – F1T & F2T

Untreated – F1X & F2X





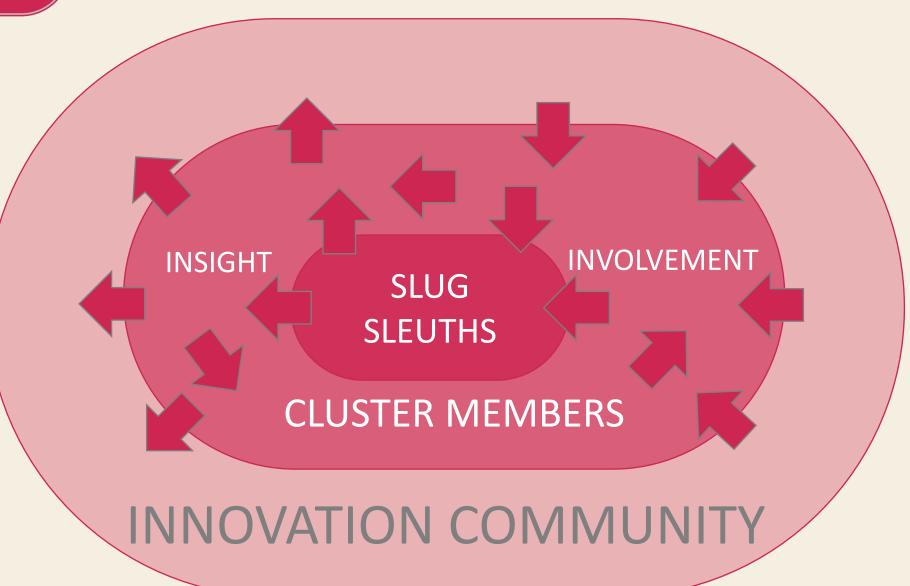
Timesheets







## Knowledge Cluster





## Slug Resistant Wheat







## Nitrogen Climate Smart



UK Research and Innovation







PGRO







## Harvest weed seed control







**Soil Fungal Communities** 

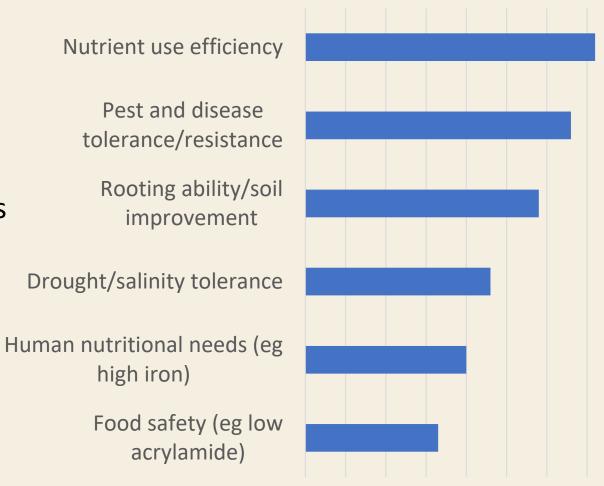




# Where does this go?

Priority for trait discovery

- Developing Sustainable Wheats
- Demand-side taskforce
- The technologies that excite
  - Rooting and mycorrhizal interactions
  - Pest resistance but disease?
  - Nutrient-use efficiency
  - Biological interactions
  - RNA interference
- Resilient crop management systems



**BOFIN** members 2023 (n=76)



# Thank you



tom@bofin.org.uk www.bofin.org.uk



@bofinfarmers



Bofin – British On-Farm Innovation Network +44 7771 518475

