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Rothamsted Research
Global Science, Lasting Benefits
Building on 175 years of science excellence
Excellent technical know-how

- Soil Science
- Crop Science
- Agronomy
- Satellites, Radar, Automated Measurements
- Mathematical Modelling
- Computational Biology & Statistics
- Crop Pests & Diseases
- Insect Ecology and Weed Ecology
- Crop and Livestock nutrition
- Arable & Livestock Farming Systems
Unrivalled facilities
3 SCIENCE PORTFOLIOS ADDRESS 6 CHALLENGES

**SUPERIOR CROPS**
- **CHALLENGE 1: IMPROVEMENTS**
  - Yield, quality & resource efficiency of crops
- **CHALLENGE 2: DISCOVER**
  - Novel traits of nutritional or industrial value

**SECURING PRODUCTIVITY**
- **CHALLENGE 3: FORECASTING**
  - Pests, weeds & disease monitoring in real-time
- **CHALLENGE 4: COMBINE**
  - Strategies for smart crop protection

**FUTURE AGRI-FOOD SYSTEMS**
- **CHALLENGE 5: ENABLE**
  - 80% yield potential for most farmers
- **CHALLENGE 6: CREATE**
  - High value crops and livestock with lower impact
We engage with young people to:

- Understand your views on food & farming
- Share ideas
- Encourage you to be the next generation of researchers

Be the Future & Change the Future of agriculture