



## NIAB glasshouse services include:

- Experimental design
- Impartial assessment
- Phenotyping
- Data handling and analysis
- Genetic resource maintenance
- Specialist plant husbandry
- Additional analytical services available via NIAB LabTest



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# Glasshouse Services

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## Glasshouse trials

### The leading UK trials organisation

- Support for research and industry
- Providing expert plant-based glasshouse services
- BASIS & FACTS qualified glasshouse manager
- Working with all horticultural and agricultural crops
- State of the art facilities for projects tailored to individual requirements
- High standards of bio security and traceability
- All work is strictly confidential
- No marketing or promotion of products, just results

- **Independent**
- **Authoritative**
- **Comprehensive**
- **Impartial**

## Glasshouse facilities

Our glasshouse facilities at Cambridge and East Malling (Kent) reflect modern commercial services and feature:

- We offer a complete bespoke package from trial design, trial delivery, data collection, analysis, and reporting
- Approximately 2,800 m<sup>2</sup> of specialist glasshouses and plant growing facilities including spore-proof growth rooms, growth chambers, containment and vernalisation areas
- Environmentally controlled glasshouses and growth rooms
- Various automatic irrigation systems
- Supplementary lighting including variable spectrum LED
- Supported by redeveloped offices and laboratories
- BREEAM award winning conference centre facilities

### Q Case Study:

A client has been running a number of commercial plant protection product trials, trusting our independence and confidentiality outlining, "Using NIAB is an essential part of our business plan in terms of developing new products to keep us at the forefront of the ornamental horticulture industry. We utilise their great professionalism, experience and impartiality to test products before we bring them to market."

## Glasshouse capabilities

NIAB's Glasshouse teams at Cambridge and East Malling deliver a range of independent glasshouse services to industry and research customers.

Crop husbandry experience in hundreds of different plant genus enables us to deliver bespoke trials and other growing services, with a track record of designing and following protocols with full traceability. We specialise in tailored projects supporting academic and industrial partners, including collaboration on research such as:

- Growing media trials
- Fertiliser and crop protection products
- Herbicide efficacy trials
- Biostimulant trials
- Nutrition and water management
- Novel technologies
- Propagation (grafting)
- Seed bulking

### Q Testimonial:

"We are a young start-up company with no track record in agriculture. When we mention that we are undertaking trials with NIAB, we get a positive response from potential customers or partners. Working with NIAB helps us to demonstrate that we want to produce robust evidence about our product that stands up to scientific scrutiny."