

Stockbridge Technology Centre

Laboratory Services List



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Leaders in Technology Transfer to Agriculture and Horticulture

Diagnostic Services for Plant Material

Service offered	What's included	Price
Prescriptive molecular testing for crop diseases*	Detection of plant pathogens and viruses using a range of different techniques, including ELISA, Lateral Flow Device and PCR. Prices are dependent on the range of viruses tested and sample number. Please call us or email to discuss.	Price on Application

Target Pathogen Testing for Solutions and Substrates

Service offered	What's included	Price
Water and site samples for the detection of <i>Pythium</i> and <i>Phytophthora</i>. This can be undertaken in three different ways.	1. Quantitative determination of pathogens in sub-sample from tank, lagoon, or other water supply (Sample of 1 Litre dispatched to us). Results give count of 'colony forming units' (cfu) per Litre detected.	£125 for first sample & £100 each additional
	2. Qualitative determination of pathogens in whole tank, lagoon, or other water supply on site (in situ 'bait' technique). A positive or negative result only.	£125 for the first sample & £100 each additional
	3. Qualitative point source detection of specific pathogen using on-site swabbing of surfaces. We supply pack of 5 sterile swabs, sterile containers for return of swabs and self-addressed envelope.	£145 (5 pack) + £25 per additional swab
Compost, media and soil bait tests	<i>Rhizoctonia</i> , <i>Thielaviopsis</i> , <i>Phytophthora</i> & <i>Pythium</i> – combined results in 3-4 weeks.	£150 for the first sample £100 each additional
	Club root - seedling bait assay results in 6 weeks.	£125 per test for the first sample & £100 each additional
	<i>Pythium</i> & <i>Phytophthora</i> only – results in 2 weeks.	£100 each additional
	<i>Verticillium</i> only – results in 2-3 weeks.	£140 per sample -
	<i>Fusarium</i> only – results in 3 weeks.	£100 for additional
	Combinations of 6 of any of the above pathogens in one test – time varies depending on pathogens and advised on application.	£225 for the first sample & £200 each additional
Nematode analysis	Free living nematode, potato cyst nematodes (PCN) or other nematode soil counts.	Price on application

Laboratory Services for Efficacy Testing*

Service offered	What's included	Price
Plant protection / production products	Off-plant efficacy against selected plant pests and pathogens in petri-dish and agar plate tests	Price on application
	Efficacy against selected plant pests and pathogens in detached leaf bioassays, either through direct contact or on exposure to aged residues	
Biological control	Longevity and activity of biological control organisms over a set period (depending on the organism) vs comparison to a cumulative average	Price on application
	Non-target toxicity of plant protection products over a set period (depending on the organism) vs an untreated control, either through direct contact or on exposure to aged residues	

Other STC services*

STC also offers bespoke laboratory services for trials work not listed above, as well as field and glasshouse testing of all plant protection / protection products to GLP and ORETO standards.

*Test designs can follow standard procedures (e.g. OECD/EPA) or be adapted to suit client needs. Multiple modes of application (e.g. surface spraying or media incorporation) are possible to reflect best fit to expected use, or the clients intended aims of the work.