



**Accelerated
verification and
insurance of
Japanese
knotweed
treatment**

Welcome

PDR3

- Professor Paul Bardos
- David Layland
- Richard Podmore



The CEL viability test of plant material

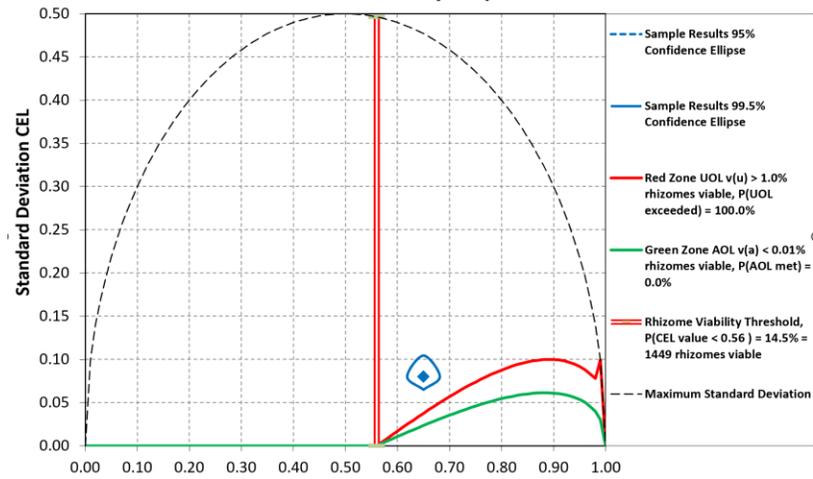
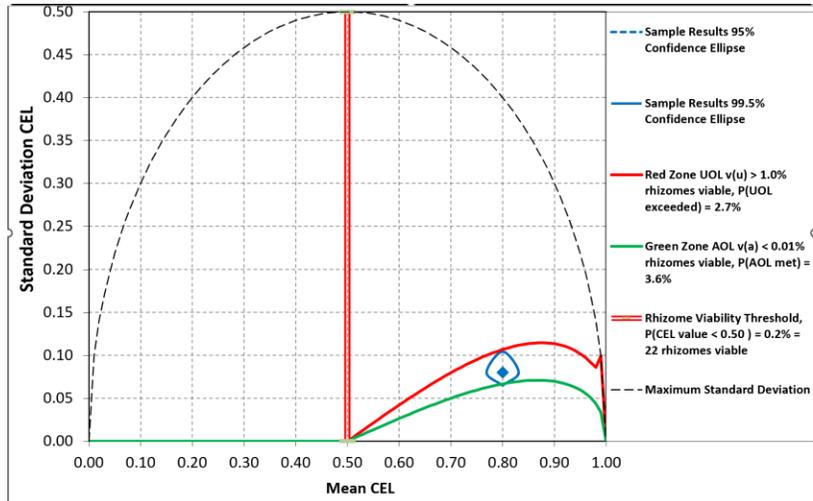
- Agenda
 - Benefits of viability testing
 - Testing process and materials needed
 - Laboratory testing procedure
 - Results and reports
 - Costs
 - Available warranties



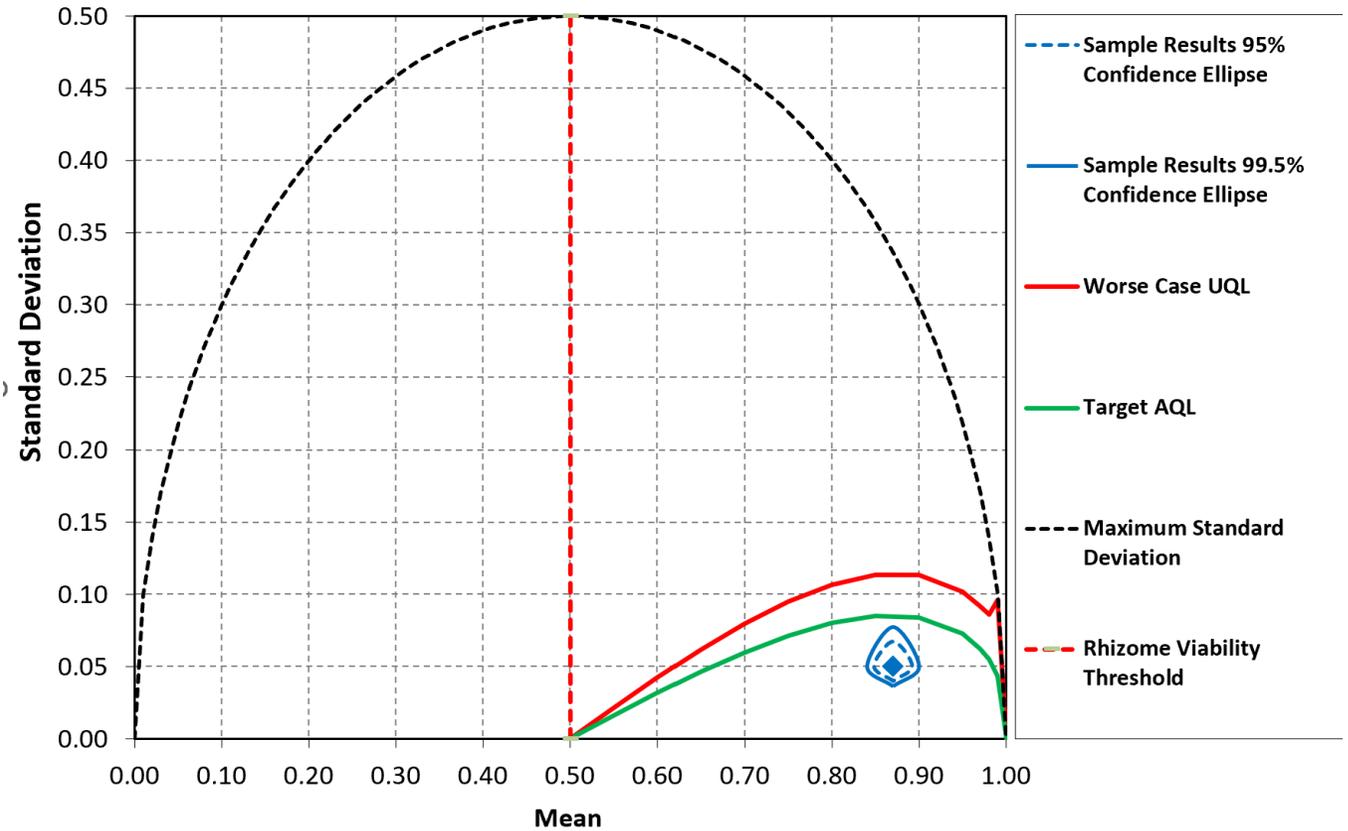
Benefits of viability testing

- Patent pending and unique test to definitively establish if a plant is viable.
- Proven procedure in four laboratories in The Netherlands, Belgium and UK.
- Quick, accurate and efficient testing process with results with 48 hours.
- Supporting sampling and statistical package to allow probability testing that allows outcomes to indicate treatment has been achieved:
 - AOL (Acceptable Outcome Level), e.g. $<0.01\%$ rhizomes viable
 - UOL (Unacceptable Outcome Level), e.g. $>1\%$ rhizomes viable





Knotweed Viability Map



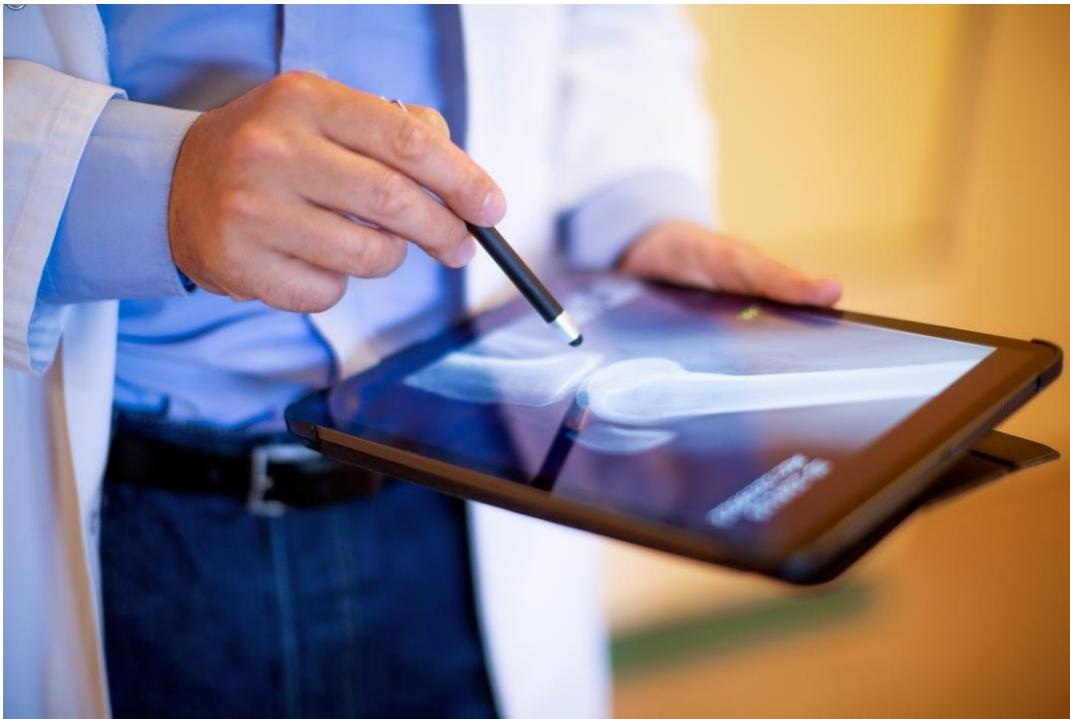
Testing Process and Materials needed

- Samples need to be freshly extracted rhizome and packaged in boxes provided following PDR3 protocol.
- Samples need to be delivered/sent to our independent laboratory in Belgium within 24 hours.
- The lab will prepare and cut the rhizomes ready for testing.
- Rhizomes will be tested and results independently verified and interpreted using a bespoke analysis tool.
- Results will be sent to the client detailing its finding and recommendations.



Results and Report

- Results are normally available within 48 hours and sent electronically.
- Results will confirm if the sample is viable or non-viable.



Pricing

- Within Belgium the cost per sample is €125 per test.
- Includes:-
 - Detailed plan and protocols
 - Cleaning and preparing samples
 - Full testing regime
 - Data analysis
 - Detailed report and statistics
- Extras:- Packaging, local applicable taxes and postage.



Warranties

- Insurance Backed Warranty available.
- Bespoke Global policy underwritten by Lloyds syndicate.
- Structural damage cover as standard up to €1.1m



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