EMERALD RESEARCH

POTATO PETIOLE SAMPLE FORM

OptiYield®

Emerald Research

Thank you for choosing OptiYield petiole analysis

OptiYield petiole sampling kit

This kit includes:

- 1 x Free post bag for 6 petiole samples
- 6 x Sample bags
- 1 x 2-part carbon copy sampling form
- 1 x Instruction leaflet

Petiole sampling instructions

To enable us to process your petiole samples as efficiently as possible please ensure you include **customer contact details** as well as the following information on the sampling form.

Step one - Complete the information requested for each sample on the form and on the sample bag :

- Sample ID (e.g. Bloggs 1)
- Name of the field sampled
- Grid Location(GPS, What3Words or map reference preferably)
- Variety
- Preferable 'Days after emergence' if in doubt please use growth stage

TIP: Pre labelling bags before filling them makes them easier to write on.

Step two - Ensure you have clean hands, free from suncream and dirt

TIP: If you have lots to do, keep a bottle of distilled water in your car and wash your hands between samples.

Step three - Select the 3rd or 4th fully emerged leaf of the plant - the 3rd or 4th leaf is selected because it is fully formed and it has all the nutrients it should have.

Step four - Take your leaf with the leaflets and the petiole down the middle, and strip the leaves off, leaving just the petiole.

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Step five - You will need approximatly 40 of these. The best way to do this is to walk up a row taking a sample every 10 paces or so, and then walk across the field and come down a row, again taking samples every 10 paces until you've got about 40 in your sample bag.

Step six- Keep them cool and post as soon as possible Monday to Wednesday this ensures that they arrive at the lab as fresh as possible and don't sit in a post box in hot weather.

PLEASE NOTE: If samples are collected on Thursday - Saturday please store in a fridge until they can be posted.

TIP: A cold box can be used to keep them cool in cars on hot days.

Step seven - Photograph or scan / copy the petiole sampling form and e-mail it to info@emeraldresearchltd.com so we know to look out for your results or to chase if they don't turn up in a timely manner!

If you are using your own envelope, post bag or box please address to:

EMERALD RESEARCH LIMITED, LANCROP LABORATORIES, WELLINGTON ROAD, THE INDUSTRIAL ESTATE, POCKLINGTON, YORK, YO42 1DN, UK

Collecting a representative sample

For a representative sample, follow the sampling guide below.

Scan - to watch our petiole sampling video