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## APHANOMYCES ASSAY ~ submission form

Name of Rep. .... Company Address ..... ..... ..... Phone/Fax # ..... Email .....	AND/OR   INVOICE TO: (tick one) <input type="checkbox"/> <input type="checkbox"/>	Grower/Client ..... Business & Address/Location ..... ..... ..... Phone/Fax # ..... Email .....
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Date Collected

Paddock ID

Area ha/acres

### PADDOCK HISTORY

Dates .....

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When were peas last grown in this paddock (if known)? .....

### SAMPLING GUIDE

1. There should be one bulked sample per paddock.
2. Ensure samples are submitted early enough to obtain the results in time for drilling (see below for the time to allow from receipt of sample at the laboratory to posting of results).
3. Samples should be taken in the following manner:
  - Take one trowel full of soil (to 15cm depth) each 2-3 steps across the paddock in a giant 'W' pattern. Ensure these sub-samples are representative of all parts of the paddock.
  - Mix the soil well in a bucket or on a tarpaulin and take from this a **4 LITRES (1 GALLON) sample**.
  - Place the soil either in 4 x 1 litre ice cream containers or in sturdy, double plastic bags.
  - Label each sample with the paddock code.
  - Fill out the submission form, give all the required details.
4. Samples should be submitted to PLANTwise, CASC, Gerald Street, Lincoln. Make sure packaging is strong enough to withstand the transportation. If a copy of the sampling form has been obtained, ensure that it accompanies samples.
5. Indexing involves growing peas in the soil sample for four to five weeks. Hence results will not be available for some 5-6 weeks after receipt of the samples.

### INTERPRETATION OF RESULTS

The results will be posted, emailed or faxed.

The "Aphanomyces Index" is interpreted as follows:

<b>0 - 49</b>	Safe to plant peas.
<b>50 - 69</b>	Aphanomyces root rot could be a problem.
<b>70 - 100</b>	There is a definite danger to peas from Aphanomyces root rot infection. Sow an alternative crop to peas.

*Courier, post or deliver to:*

PLANTwise Services Ltd PO Box 181 Lincoln 7640 Canterbury	← Post
PLANTwise Services Ltd 2 Marion Place Lincoln Canterbury	← Courier / Deliver

**Telephone or Email for further information**