



Soil Collection Instructions

Test soil samples in order to determine the presence of organisms that cause disease in crops and make informed risk management decisions. Results will let you know whether or not it is beneficial to apply treatment to your field or change crop variety or rotation.

If plants are showing signs of disease or damage, collect root samples to determine if damage is caused by soil pathogens.

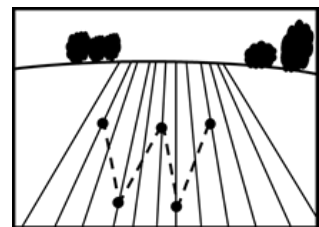
These instructions are intended for the collection of soil and root samples for *Aphanomyces*, *F. avenaceum*, and Root Rot Complex.

Sample Collection

A shovel or garden trowel and pail are recommended. Thoroughly clean and sanitize tools that come in contact with soil and roots before using in another field. If possible, do not enter the field with a vehicle, if so, clean soil off before entering another field.

It is recommended to collect soil samples from wet, low lying or compact areas within crop rows.

1. Select a site in your field for sample collection.
2. Clear away surface litter and make a hole about 4-8 inches deep and scoop up the soil from the bottom of the hole into a pail.
3. Travelling in a 'W' pattern, walk about 40-50 feet to the next point in the 'W' and collect another cup of soil into the pail.
4. Repeat collecting in a 'W' pattern until 5 cups of soil have been collected.
5. Mix the soil that is collected in the pail.
6. Transfer mixed soil to a medium sealable plastic bag until bag is about 2/3 full.
7. For root collection, gently dig around the damaged plant and down about 6 inches.
8. Gently pull up the plant and place roots into a sealed paper bag.
9. Complete the submission form included on the next page.
10. Send samples and completed submission form to Quantum Genetix.





Internal Use

Submission Form

1. Check off requested test (price includes tax)		
Aphanomyces only <input type="checkbox"/> Qualitative \$105.00	F. Avenaceum only <input type="checkbox"/> Qualitative \$105.00	Root Rot Complex (both) <input type="checkbox"/> Qualitative \$183.75

2. Submitted by (please print clearly)		
Name: _____		
Address: _____		
City: _____	Prov/State: _____	PC/Zip Code: _____
Phone: _____	Email: _____	
<input type="checkbox"/> Also send results to:		
Name: _____		
Phone: _____	Email: _____	

3. Sample Information	
Field Name: _____	
Crop/Variety: _____	<input type="checkbox"/> Soil Sample <input type="checkbox"/> Root Sample
Collection Date: <u>DD / MM / YYYY</u>	Lab ID (internal use)

4. Payment			
Method:	<input type="checkbox"/> Cheque	<input type="checkbox"/> VISA	<input type="checkbox"/> Mastercard
Name on Card	_____		
Card Number	_____		
Expiry Date	_____	CVV	_____
Signature	_____		

5. Shipping		
Please send samples to the following address:		
for Purolator	for Canada Post	for FedEx
Quantum Genetix	Quantum Genetix	Quantum Genetix
HWY 16 E & Floral Rd	Site 501 Comp 11	HWY 16 E & Floral Rd
Route 203	RR 5 Station Main	Saskatoon SK S7K 3J8
Saskatoon SK S7K 3J8	Saskatoon SK S7K 3J8	



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