



Garlic Growers Association of Ontario

Garlic Field Day Sunday, June 12– 10 am

Serious about Garlic?Don't miss this field day

There is some important info here to go over .. Please take the time.

Agenda

This Garlic Field day is all about Ontario growers: YOU bringing your garlic plant samples to have them checked for bulb & stem nematodes.

The GGAO is the applicant-funder of Bulb & Stem Nematode study. These pests have the potential to cripple the great opportunity now available to the local garlic industry.

Becky Hughes, Project Lead, SPUD Unit, NLARS, University of Guelph; Michael Celetti, Horticultural Crops Pathologist, OMAFRA; Dr. Qing Yu, Nematologist, AAFC; John Zandstra, Researcher, Ridgetown Campus, University of Guelph; Margaret Appleby, IPM Systems Specialist, OMAFRA; and Marion Paibomesai, Vegetable Crops Specialist, OMAFRA are working on this study.

(READ attached Study description and sample instructions & Questionnaire)

- 1) We will also take a walk around the garlic
- 2) look at some machinery,
- 3) BBQ Lunch.
- 4) Then we will Talk Garlic:
 - A) Pest Management options what is available
 - B) Marketing Options: Garlic Festivals, Chain Stores
 - C) Growers Forum

Becky – Mike and John will help with your questionnaires and samples.

Location: Stratford @ Augusts Harvest

4727 Rd 130 – RR#2, Gadshill On. N0K 1J0 Google maps is: 4727 Rd 130 RR #2 Perth East Ontario

1 Get to Stratford Ont. 2 Find & take Mornington St North which is Hwy 19 North out of Town to the 3rd Rd on the left - Perth Line 44, 3 Take a left and travel west to the 3rd rd on the left Rd 130, 4 turn left or south. We are the first Farm.

Lost ? 519 274 9841

A LUNCH IS PROVIDED BUT PLEASE CONFIRM YOUR ATTENDANCE TO: warren@augustsharvest.com

Garlic Growers Spring Update

May 24 Long weekend and the rain is still doing its thing. From most descriptions the garlic crop seems to have done well with all the good winter snow cover. Now the fun & suffering begins to see just exactly what gets into the bin from this point on. The “Clean Seed” planted here from Becky’s project is looking phenomenal. Becky and her crew are fine tuning the clean seed process and the results are evident and compelling.

Felix and I visited Clean Seed programs in France & Spain this winter and in these ancient growing regions, farmers are firmly committed to planting a portion of every years planting from clean seed that has gone through the 3- 5 year process. Thanks to Michael Celletti we had this point reinforced the crop conference in St Catherine’s this winter by Fred Crowe (an American Garlic Specialist) with his presentation on Bulb & Stem nematodes. All of the American large commercial growers are using hot water, or otherwise treating all the seed going into the ground. Ontario growers after approx 25 years of growing garlic crops are coming to that conclusion as well. We look forward to seeing you at to the meeting with your plant samples to find out where you stand. If after reading the attached instructions you have questions please contact Michael Celetti @ michael.celetti@ontario.ca.

One of the directors mentioned some growers are skeptical that Bulb & Stem is just fusarium. Growers from around the world have realized what is at stake, and it is in everyone’s benefit to come and learn that in all likelihood the fusarium comes after contact with the nematodes.

The market for local garlic continues to be strong, with everyone selling out last year. There are various opportunities for your crop: Garlic Festivals, farms markets, and retail outlets. So come to the meeting here and share ideas in the grower’s forum.

Mark has an announcement for a government program for Hort growers which sound good.

We had a well attended productive spring meeting, with a lot of new faces, great questions and informal sessions that continue on for sometime after the meeting is done. This is an exciting time in Ontario Garlic with lots happening. If there is something you would like to bring to the field day, or a presentation, please let me know, or call one of the directors. The opportunity for GGAO members to buy clean seed and be a part of the study is a great value for a membership. See you June 12

Warren Ham
On behalf of Mark Wales

GGAO Stem and Bulb Nematode Project

The Garlic Growers Association of Ontario has received funding from the Agricultural Biosecurity Program (ABP) for a two-year project on “Preventative Measures and Management Practices for Stem and Bulb Nematode in Garlic”.

This project which involves a team of researchers from across the province has three objectives:

- 1. Determine the extent of stem and bulb nematode infestation in garlic across the province and identify the prominent race(s).**
- 2. Verify that the nematode-free, virus-tested seed production system developed by the SPUD Unit, University of Guelph in 2010 is repeatable and determine the cost of seed.**
- 3. Educate growers on the spread, symptoms, biology and control of this pest including the use of nematode-free seed.**

The project starts this June with the collection of garlic bulb samples at the GGAO Field Day June 12th at August's Harvest and an Eastern Garlic Field Day June 26th at Beaver Pond Estates. These garlic samples will be tested for the presence of stem and bulb nematodes with the results available in late fall. The extracted nematodes will be analyzed over the winter to determine the race or races of stem and bulb nematode in Ontario, and their distribution. The number of samples that can be submitted by each farm is limited. Check out the Sample Submission form on the GGAO website for more information.

The SPUD Unit planted over 12,000 virus-tested, nematode-free garlic plantlets in the screen house in New Liskeard May 9-12 and hopes to have 10,000-20,000 "clean seed" single-clove bulbs available this fall. Provided the production system works, this will be the culmination of a series of projects supported in part by the GGAO since 2006 to develop a "clean seed" garlic program.

This clean seed will be distributed to members of the GGAO at a cost of \$0.80 per bulb (clove) in the fall of 2011 on a first-come, first-paid basis. The amount of seed available will depend on how much is actually produced. The amount each farm can access will be determined based on acreage. Watch the GGAO website for further details.

The final part of the project is a series of workshops held over the fall and spring of 2011/12 to educate growers on the results of the survey, the biology of this pest and its control including how to grow clean seed. These workshops will be held in a couple of locations to be accessible to as many garlic growers as possible.

The research team involved in this project include Becky Hughes, Project Lead, SPUD Unit, NLARS, University of Guelph; Michael Celetti, Horticultural Crops Pathologist, OMAFRA; Dr. Qing Yu, Nematologist, AAFC; John Zandstra, Researcher, Ridgetown Campus, University of Guelph; Margaret Appleby, IPM Systems Specialist, OMAFRA; and Marion Paibomesai, Vegetable Crops Specialist, OMAFRA.

Stay tuned for further details at www.garlicgrowers.on.ca

As per Becky Hughes



Garlic Stem & Bulb Nematode Sample Submission Form

Contact information (Please print.):

Name: _____

Address: _____

County _____ Township _____

Phone No.: _____

Email: _____

Farm Business Registration #: OFA# _____; or CFO# _____; or NFU# _____

How many hectares _____ or acres _____ do you farm?

How many years have you grown garlic: _____

How much garlic did you grow in 2011: _____ hectares or _____ acres?

The Garlic Growers Association of Ontario (GGAO) has arranged for 200 samples of garlic bulbs from across Ontario to be tested for the presence of stem and bulb nematode at no charge to the grower as part of the Agricultural Biosecurity Program (ABP) project: "Preventative measures and management practices for Stem and Bulb Nematode in Garlic". The race(s) of nematodes will also be identified from the samples tested.

Each **sample of 10 bulbs** must represent a different field or seed source on your farm. The **maximum number of samples** a grower can submit is limited as follows:

0.3-5 acres	- 1 sample	5-10 acres	- 2 samples
10-40 acres	- 3 samples	40+ acres	- 5 samples

Complete a Sample Information sheet for each sample you submit.

As the objective of this part of the project is to determine the distribution of this nematode across Ontario, the research committee has the right to limit the number of samples tested from an area. Not all samples submitted may be tested as part of this project.

Results for an individual farm will be sent to the contact listed above. The researchers involved in this project have the right to present and publish the pooled results of these tests.

I agree to these conditions _____
Signature of Grower Submitting Sample(s)

The GGAO received funding for this project in part through Growing Forward, a federal-provincial-territorial initiative. The Agricultural Adaptation Council assists in the delivery of several Growing Forward programs in Ontario.



SAMPLE INFORMATION SHEET

Complete 1 sheet per sample (10 bulbs)

Sample # _____

Office use only

Contact Name: _____

Sample information: Sample size = 10 Garlic Bulbs _____ (√)

Variety: _____

Planting date (mm/dd/yy): _____/_____/_____

Size of field: _____ acres or _____ hectares

Lot #: _____ Field #: _____

Origin of seed (if known) _____

Year original seed source obtained (if known) _____

Previous crops grown in the field during

2010 _____

2009 _____

2008 _____

2007 _____

2006 _____

List any treatments applied for Stem & Bulb Nematode in this field (i.e. hot water seed treatment, etc) _____

Bring each sample of 10 bulbs and the completed Sample Information Sheet in a paper bag labelled with the Contact Name to:

- the GGAO Field Day at August's Harvest, Gadshill/Stratford ON, June 12, 2011 (see details at www.garlicgrowers.on.ca), or
- The Garlic Field Day at Beaver Pond Estates, Maberly ON, June 26, 2011 (for details contact Paul at garlic@rideau.net).

See the Sampling sheet for instructions on how to collect the samples.

For more information on this project visit: www.garlicgrowers.on.ca

INSTRUCTIONS FOR SAMPLING FOR STEM AND BULB NEMATODE

Each sample consists of 10 bulbs.

The bulbs in each sample must be the same cultivar, planted on the same date in the same field.

Collect the samples as close to the Field Day as possible and store in a paper bag in a cool, dry location.

Select the 10 bulbs randomly from your field i.e. not all from the same row, but make sure you include some weak or diseased-looking plants if they are present in the field.

Complete a Sample Information Sheet for each field sampled and enclose it in the paper bag. Label the bag with the Contact Name and bring it along with the Contact Information Sheet to one of the Field Days.

Due to funding limitations, the maximum number of samples you can submit is limited as follows:

0.3-5 acres of garlic – bring 1 sample of 10 bulbs

5-10 acres of garlic – a maximum of 2 samples

10-40 acres of garlic – a maximum of 3 samples

40+ acres of garlic – a maximum of 5 samples

If you have questions on how to collect the sample, call Michael Celetti at 519-824-4120 ext 58910.

Garlic Festivals & the demand for local food

Growing by 25% per year!!

<u>New Market Garlic is Great Festival,</u>	<u>Saturday August 20</u>	<u>cathgar@sympatico.ca</u>
<u>Perth Garlic Festival, Perth Ont.</u>	<u>August 13-14</u>	<u>www.perthgarlicfestival.com</u>
<u>Canadian Garlic Festival Sudbury Aug 28</u>	<u>www.ukrseniors.org/Garlic%20Festival.htm</u>	<u>705 673-7404</u>
<u>Stratford Garlic Festival</u>	<u>Saturday - Sunday Sept 10-11</u>	<u>www.stratfordgarlicfestival.com</u>
<u>Toronto Garlic Festival</u>	<u>Sunday Sept 25</u>	<u>www.TorontoGarlicFestival.ca</u>

Call you're Directors..... or become one?!

		85 Old Kingston Rd RR#1			<u>twinoakfarms@sympatico.ca</u>
	Wayne Greer	Lombardy, On	K0G 1L0	613 283 4271	
	Simon Deboer	RR 2 Teeswater, On.	N0G 2S0	519 357 1919	<u>sbdeboer@wightman.ca</u>
Treasurer	Allan Cowan	RR 2 Allenford, On	N0H 1A1	519 934 2119	<u>acowan@gbtel.ca</u>
Pres.	Mark Wales	RR 2 Aylmer, On.	N5H 2R2	519 773 7352	<u>walesfarm@hotmail.com</u>
	Gary Johnson	2002 Vandorf Rd Aurora,	L4G, 7B9	905-726-3356	<u>cathgar@sympatico.ca</u>
	Allan Spicer	Port Burwell, On	N0J 1T0	519 657 8320	<u>allan@cangrow.com</u>
Festival	Warren Ham	RR#2 Gadshill, On	N0K 1J0	519 393 5550	<u>warren@augustsharvest.com</u>



Garlic Growers Association of Ontario

Membership Application & Renewal Form

Fill in and Print this form and mail it with your fee to the address at the bottom.

Farm or Company (Member) Name: _____

Name of the designated person representing

The farm or company (Member): _____

Mailing Address: _____

City / Town: _____ Postal Code: _____

Phone #: _____ Fax #: _____

Email: _____

For Harvest in 2011 -- # Pounds Planted = _____ on _____ acres

I'm interested in Clean Seed: _____ Varieties Grown: _____

I would like to contribute to the Association by being involved in the following:

- Promotions
- Research
- Membership

- Executive
- Newsletter

- Field Day
- Web Site
- OFA Lobbying

Membership Fee is \$50 per year