



ONTARIO AGRICULTURAL COLLEGE
Office of Research

January 2011

To: Seed Supplier

I would like to take this opportunity to thank you for your co-operation in supplying seed samples last year and in previous years. I hope the Muck Crops Research Station's cultivar trials are as beneficial to you as they are to us and the growers in the Bradford area and growers outside the local region. The results from the 2010 cultivar trials are published in the 2010 Muck Vegetable Cultivar Trial & Research Report will be forwarded to you in early March. The Muck Station has posted the Variety Trial data on our web page <http://www.uoguelph.ca/muckcrop/>. Please take some time and check it out.

This year, cultivars that are submitted for evaluation may be placed in one of two trials: **Main or Adaptation**. Of the two cultivar trials, the Main Trials generate more data/information and therefore have a higher level of intensity than the Adaptation Trials. **The Main Trials** for onions and carrots are arranged in a randomized complete block design with **three reps per cultivar**. This trial is harvested, evaluated and stored by the staff at the station. The cultivars chosen for the Main Trial are cultivars that are named and are of interest to area growers. Standard cultivars are included to act as benchmarks for comparison purposes.

The **Adaptation Trials** are **not replicated**. They are harvested, evaluated and the results are published. Named cultivars and numbered lines that look promising for this area and market requirements should be included in this trial.

Rough judging notes are available after the trial has been evaluated. The final distribution copy of the results, formatted by Microsoft Word and Excel, are ready by mid January. Companies who submit seed for inclusion in the various cultivar trials will receive data upon request for each rep as well as the averages, which will be published in our annual report. Please phone or fax your request to me. You can also e-mail your request to Shawn Janse (sjanse@uoguelph.ca).

Please follow the listed seed requirements and submission dates to help us ensure a beneficial trial to all involved.

The fee for each cultivar submitted for the 2011 trials remains unchanged unless otherwise stated:

Main Trial \$ 150.00 per sample

Adaptation Trial \$ 85.00 per sample.

Every effort will be made to include the submitted samples in the trial that you indicate. If this cannot be done, you will be notified immediately and your money refunded.

Special note:

We will also conduct trials at the Muck Crops Research Station on any aspect of your breeding program or screening of cultivars in the early development stage. Over the past few years we have worked with a couple of companies on private screening trials which have been a benefit to them as well as us. If you are interested in conducting a private trial at the Muck Station, we are open to discussion on the possibilities of trials to address any required needs associated with your breeding programs. Please feel free to contact me.

REMEMBER YOUR SUBMISSION FORM

If you have any questions about these changes or any other aspects of our research program, please do not hesitate to call me, at (905) 775-3783 or e-mail at sjanse@uoguelph.ca.

Please return your **Submission Forms** along with your seed to the Muck Crops Research Station.

***Please arrange to cover all shipping, customs and brokerage fees for your samples**

Cheques are made payable to the "University of Guelph."

Sincerely,

Shawn Janse,
Research Station Manager

CARROT TRIALS

The growers in the Bradford Marsh focus of carrot production are a mix of cello/jumbo production. Growers prefer carrot cello cultivars that have jumbo potential. The hope is that the carrot trials at the MCRS will encompass every carrot from the fresh market cello to jumbos'. Each carrot cultivar has different recommended seeds per foot ratio to produce the desired cello/jumbo carrot mix. Therefore I would encourage that each submission list a suggested seeding density. We will try our best to ensure your submission is seeded at your desired rate. If no seed per foot rate is listed, we will follow standard practices of 20-26 seeds per foot.

CARROT CELLO & JUMBO TRIAL

Seed required:

Main +/- 15,000 seeds

Adaptation +/- 5,000 seeds

- **Seed for Main Trials is preferred pelletized**
- Germination percentages should be included
- Please state pellet size
- Please state desired seeds per foot.

- A) Submissions must be received at the Muck Crops Research Station by **April 21, 2011**.
- B) **If possible, fax or email a copy of your submissions prior to shipping the seed. This helps to ensure proper allocation of field space and the inclusion of "Benchmark" varieties in the Main Trials.**

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ONION TRIALS

YELLOW COOKING

Seed required:

Main +/- 25,000 seeds

Adaptation +/- 7,000 seeds

- Submit pelletized, PRO GRO treated seed

- Germination percentages should be included

- Please state pellet size

- A) Submissions must be received at the Muck Crops Research Station by **April 08, 2011**.
- B) **If possible, fax or email a copy of your submissions prior to shipping the seed. This helps to ensure proper allocation of field space and the inclusion of "Benchmark" varieties in the Main Trials.**

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MAIN RED ONION TRANSPLANT TRIAL

Each year several growers in the Holland Marsh and surrounding area transplant red cooking onions. The key reason is to ensure a fully matured product by early to mid September. The extra cost associated with production of transplants is usually covered by the higher prices. We would like to evaluate any new red onions that may be suitable for transplant. The onions must mature in a timely matter, and be high yielding in order to be of value to the grower. The present benchmark variety is “Mercury” which will be used for comparison. Evaluations will focus on some key points for red onion production within the Holland Marsh. Yield, size, interior colour, bulb shape, neck size, and neck tightness are some of the evaluations that will be recorded. A storage sample will also be taken and evaluated.

RED TRANSPLANT COOKING ONION

Seed required:

Main

+/- 10,000 seeds

- **Submit pelletized or raw seed.**
Pelletized seed is easier for our seeding procedures.
- Germination percentages should be included

- A) Submissions must be received at the Muck Crops Research Station by **March 9, 2011**.
- B) **If possible, fax a copy of your submissions prior to shipping the seed. This helps to ensure proper allocation of field space and the inclusion of “Benchmark” varieties in the Main Trials.**

REMEMBER YOUR SUBMISSION FORM

University of Guelph
Office of Research
Muck Crops Research Station
1125 Woodchoppers Lane, RR #1, Kettleby, Ontario L0G 1J0
Phone: (905) 775-3783 Fax: (905) 775-4546

CULTIVAR EVALUATION SUBMISSION FORM

Please remember a germination rate, and suggested seeding rate for carrots

Company: _____

Send Results To: _____

Phone: _____ Fax: _____ email: _____

Cultivars may be submitted for the Main or Adaptation Trials. Fees per cultivar are:
Main - \$ 150.00 Adaptation - \$ 85.00

<u>Cultivar</u>	Crop	Trial	Fee

Total _____ Make a cheque payable to the University of Guelph.

Please arrange for the product to clear customs from your end.

***The Muck Crops Research Station cannot pay for any shipping costs, i.e., customs or Brokerage fees of any seed, these fees are solely the responsibility of the sender.**