

ONTARIO CEREAL CROPS COMMITTEE PERFORMANCE TRIAL PROTOCOLS

| | | |
|--|---|----|
| 1.1 | Introduction | 2 |
| 2.1 | Responsibilities | 2 |
| 3.1 | Compliance | 2 |
| 4.1 | Security of Unregistered Cultivars | 3 |
| 5.1 | Cultivar Evaluation and Assessments | 3 |
| 6.1 | Cultivar/Variety Entry | 3 |
| 7.1 | Testing Areas and Locations: | 3 |
| 8.1 | Fees: | 3 |
| 9.1 | Agronomy and Disease Site Operator Payment: | 4 |
| 10.1 | Trial Seed | 4 |
| 10.2 | Seed Quantities: | 4 |
| 11.1 | Trial Management and Assessment | 4 |
| 12.1 | Inspection of Trials | 4 |
| 13.1 | Submission of Data | 5 |
| 14.1 | Publication of Data | 5 |
| 15.1 | Protocol Review and Revision | 5 |
| Appendix 1: Membership, Executive and Coordinators of the OCCC | | 7 |
| Appendix 2: OCCC Performance Trial Sites | | 8 |
| Appendix 3: Site Operator Information: | | 11 |
| Appendix 4: Code of Ethics for Plant Breeders and Co-Operators | | 12 |
| Appendix 5: Performance Trial Entry Guidelines and Seed Requirements | | 13 |
| Appendix 6: Performance Trial Fee Structure (2017) | | 14 |
| Appendix 7: OCCC Performance Data Publication Guidelines | | 15 |

Also see:

“OCCC Trial Methods and Testing Procedures” (available at <http://gocereals.ca/procedures.php>).

1.1 Introduction

The Performance Trials of spring and winter cereals are conducted under the direction of the Ontario Cereal Crop Committee.

The objective of these trials is to evaluate the merits of registered varieties that are, or will be, marketed in Ontario.

- Seed of Certified or equivalent breeder or pre-breeder status of registered varieties or candidates supported for registration is supplied by the variety/cultivar's sponsor for inclusion in the Performance Trial.
- Performance Trials are grown at OCCC designated sites by collaborators on a cost recovery basis.
- Sponsors pay the full cost of the Performance Trials (less any specified contributions by third parties). The OCCC determines costs and fees, and administers collection of fees from sponsors and payment of costs to collaborators.
- This protocol applies to all cultivars/varieties entered within the Ontario Cereal Variety Performance Trials.

2.1 Responsibilities

The growing of the trials and collection and dissemination of data obtained from the Performance Trials are the responsibilities of the OCCC, their appointed members and/or appointed delegates. Those responsibilities include setting performance protocols, including methodologies and minimum standards, selecting testing sites and data collection, summarization and publication of collected data.

This protocol is authorised and administered by the Ontario Cereal Crops Committee (OCCC) and implemented through the Performance Trial and Data Coordinators. (Appendix 1)

The protocol shall not be altered without the prior approval of the OCCC. Requests and suggestions for amendment of the current protocol should be directed to the Performance Trial Coordinator.

Performance Agronomy Site Operators and Disease Site Operators are designated and supervised by the OCCC through the Performance Trial Coordinator and must have access to suitable facilities and expertise. Lists of approved Sites and Operators can be found in Appendix 2 and 3, respectively.

3.1 Compliance

Concerns regarding compliance to protocols or validity of data, tests or trials used to acquire information must be addressed through the Performance Trial Coordinator.

Trial cooperators who wish to deviate from the procedures outlined in this document or who are uncertain as to the appropriate course of action must consult with the Performance Trial Coordinator before making changes.

4.1 Security of Unregistered Cultivars

All persons and institutions conducting agronomic, disease and quality trials on behalf of the OCCC agree to abide by the “Code of Ethics for Plant Breeders and Co-Operators Conducting Cultivar Evaluation Trials Related to the Activities of the OCCC” as detailed in Appendix 4.

5.1 Cultivar Evaluation and Assessments

All cultivars in Performance Trials are tested under approved standard procedures for field production and data collection as set by the OCCC and outlined in the document ‘OCCC Trial Methods and Testing Procedures’ (available at <http://gocereals.ca/procedures.php>). Trials and test data must be monitored by Agronomy/Disease Site Operators to ensure that the results provide a sound basis for estimating a cultivar’s/variety’s performance. Only data found to be sufficiently reliable will be used to calculate the mean variety performance. Agronomy and disease characteristics to be assessed by the various trial operators are detailed in ‘OCCC Trial Methods and Testing Procedures’ (available at <http://gocereals.ca/procedures.php>). All agronomy and disease characteristics detailed within the protocol and their associated values shall be reported.

6.1 Cultivar/Variety Entry

Varieties registered (National, Regional or Interim status) with CFIA for sale in Ontario or varieties supported for registration by OCCC or other CFIA recognized crop recommending committees are eligible for entry into the Ontario Performance Trials. For winter wheat, spring wheat, spelt, durum wheat, triticale and rye supported by other committees, the OCCC must have considered extension of registration to Ontario and not objected. Winter cereal cultivars/varieties are permitted for inclusion in the OCCC Performance Trials if they are being submitted to the OCCC for registration support at the January meeting immediately following entry to the trial.

Varieties/cultivars are entered online in the member area of the www.gocereals.ca website. Refer to Appendix 5 for detailed information.

7.1 Testing Areas and Locations: Trials are arranged into geographic areas with locations in most major cereal growing areas of the province and may change as the need arises. The sponsor may select the geographic areas of the province in which to enter a variety but entry into all agronomic sites within an area is mandatory. Also, evaluation for fusarium heat blight is mandatory for winter wheat and spring wheat, in all locations (3 for winter wheat and 2 for spring wheat). See Appendix 2 for detailed site and location information.

The OCCC will review requests for location changes and additions at its August and October meetings, for winter and spring cereals, respectively.

8.1 Fees: Costs associated with operation of the Performance Trials are established by the OCCC based on actual fee for service costs. Costs are reviewed annually and updated as necessary. Fees charged to variety sponsors are based on the actual trial costs less any contributions from outside sources. (See Appendix 6 for current fee structure)

Sponsors will be invoiced for fees after the deadline for entries on a “Net 30 Days” basis. Fees are non-refundable.

In the event that third party funding/contributions are available, a portion of the entry fees may be reimbursed. Lines entered, but not receiving support for registration, or not registered with CFIA by the time of publication of the data are not eligible for reimbursement.

Sponsor accounts must in good standing. **Sponsors whose accounts are in arrears after the following dates will have data withheld on all of their entered varieties and may jeopardize their ability to further enter varieties into trials until such time as their account is in good standing.**

Winter Cereals: May 31
Spring Cereals: October 15

9.1 Agronomy and Disease Site Operator Payment: In the event that a trial is lost to natural causes (for example winter survival, hail, drought, flooding, etc), the Site Operator will be paid 50% of the total that would normally be paid to compensate for planting and other costs. Compensation for trials lost to other causes will be assessed on a case-by-case basis. This policy applies to all performance or disease evaluation trials conducted on behalf of the OCCC.

10.1 Trial Seed The sponsor of the entered cultivar/variety is responsible for ensuring that Agronomy/Disease Site Operators receive all seed in accordance with OCCC procedures and criteria as detailed in Appendix 5. In the case of late or non-arrival of a cultivar/variety, the spot will be filled with an approved filler variety as designated by the Performance Trial Coordinator and the sponsor will be assessed the full cost of entry.

10.2 Seed Quantities: The number of pure, live, viable seeds required for each location is reviewed annually. Current requirements can be found in the members area of the www.gocereals.ca website under “Winter Cereal Guidelines” and “Spring Cereal Guidelines” in the “Entry Forms and Lists” section. Shipping information of each site co-operator can be found in Appendix 3, and in the Guidelines sections of the Members area of the www.gocereals.ca website.

11.1 Trial Management and Assessment

Refer to the document ‘OCCC Trial Methods and Testing Procedures’ for recommended trial management practices and required and recommended trial assessments for agronomic/disease characteristics. (available at <http://gocereals.ca/procedures.php>).

12.1 Inspection of Trials

All Performance Trials are inspected as organized by the Performance Trial Coordinator at an appropriate time during the growing season to ensure that they meet protocol and follow procedures as set by the OCCC and to assess site acceptability, condition of plots, presence of disease etc. Inspections will be done by an OCCC appointed inspection team composed of at least three persons, of whom at least two-thirds must approve acceptability of the test.

Agronomy/Disease Site Operators are responsible for completing the ‘Trial Information Report’, to be sent to the Performance Trial Coordinator prior to or at the time of inspection for signing by the inspection team. Site Operators can obtain a blank copy of the report by contacting the Performance Trial Coordinator.

13.1 Submission of Data

The Agronomy/Disease Site Operator supplies crop specific agronomic/disease data to the Performance Data Coordinator by using the ‘Procedure for Entering and Reviewing Data’ provided by the Performance Data Coordinator and also found in the members only area on the www.gocereals.ca website. Only the OCCC data input template shall be used for transferring data to the Performance Data Coordinator. No other entries data, other than those within the original entry list, shall be listed within the data report. All site data reports must be returned in the order of the entries submitted, ensuring that each data point truly represents the values of their respective cultivar. The Agronomy/Disease Site Operator shall ensure that all data supplied are complete and free from errors prior to transmission. Any errors should be reported and corrected prior to release of any OCCC data. All data collected shall be forwarded to the Performance Data Coordinator as soon as possible after harvest.

The Performance Trial Coordinator will review the information with the Data Coordinator and make recommendations to the OCCC regarding the inclusion or exclusion of data to be published.

14.1 Publication of Data

Performance data will not be presented in the initial public release of the Performance Trials Report for varieties that are not registered by the following dates:

Spring cereals: September 31

Winter Cereals: July 31

Guidelines on the publication of OCCC Performance trial data can be found in Appendix 7.

15.1 Protocol Review and Revision

The Performance Trial Coordinator is responsible for review of the Performance Trial Protocols and Procedures.

The list of currently approved agronomic and disease characteristics as recognised by the OCCC is in the document “OCCC Trial Methods and Testing Procedures” (available at <http://gocereals.ca/procedures.php>). Any industry, sponsor and/or participant within the OCCC may request the assessment of additional characteristics within the Ontario Performance Trial System. Proposals for changes to performance protocols [ie site changes, additional trials or tests, fee structure etc.] must be directed to the Performance Trial Coordinator by the following dates:

- Winter Cereals: August 15th
- Spring Cereals: October 15th

The assessment of additional and approved characteristics must be in keeping with currently approved Performance Trial protocols and procedures. Any approved special test or trial procedure should be considered as an addition to the standard requirements of the current OCCC protocol. Once agreed upon and approved by the OCCC any additional costs for assessment will be added to the fees currently charged the sponsor for Performance assessment. All sponsors/breeders shall be informed of any changes to the assessment of characteristics and resulting changes within the OCCC Performance fee structure.

Appendix 1: Membership, Executive and Coordinators of the OCCC

| ORGANIZATION | | INDIVIDUAL | CONTACT |
|---|------------------|---------------------|----------------------------------|
| OCCC Executive | | | |
| Chair | AAFC, ORDC | Dr. Gavin Humphreys | gavin.humphreys@agr.gc.ca |
| Past Chair | | Mr. Mark Etienne | metienne@execulink.com |
| Vice Chair | Bramhill Seeds | Mr. Carl Coleman | carl@bramhillseeds.com |
| Secretary | Employed by OCCC | Mr. David Morris | davidtmorris@rogers.com |
| Treasurer | RealAgriculture | Mr. Peter Johnson | peter.johnson@bell.net |
| OCCC Voting Members | | | |
| Agriculture and Agri-Food Canada | AAFC | Dr. Weikai Yan | Weikai.Yan@AGR.GC.CA |
| Canadian Seed Trade Association | CSTA | Ms. Ellen Sparry | esparry@redwheat.com |
| Canadian National Millers Association | CNMA | Mr. Peter Worfolk | peter.worfolk@ardentmills.com |
| Ontario Ministry of Agriculture, Food and Rural Affairs | OMAFRA | Ms. Joanna Follings | joanna.follings@ontario.ca |
| Ontario Soil and Crop Improvement Association | OSCIA | Mr. Les Nichols | les.nichols@ontariosoilcrop.org |
| Ontario Seed Growers Association | OSGA | Ms. Sara Fretz | sarah@cribit.com |
| Grain Farmers of Ontario | GFO | Mr. David McEachren | mceachrenfarms@aol.com |
| Ontario Ag Business Association | OABA | Andy Wilder | awilder@parrishandheimbecker.com |
| University of Guelph | U of G | Dr. Ali Navabi | anavabi@uoguelph.ca |
| Ex-officio Non-voting Members | | | |
| Canadian Food Inspection Agency | CFIA | Dr. Sima Vyas | Sima.vyas@inspection.gc.ca |
| Canadian Grain Commission | CGC | Dr. Bin Xiao Fu | Binxiao.fu@grainscanada.gc.ca |
| | | | |
| Performance Testing Coordinator | | Ms. Ellen Sparry | esparry@redwheat.com |
| Data Coordinator | | Jonathan Brinkman | jbrinkma@uoguelph.ca |
| Webmaster | | | tech_help@gocereals.ca |

Appendix 2. – 2017 OCCC Performance Trial Sites

| <u>Testing Area</u> | <u>County/District</u> | <u>Operator</u> | <u>CROP TRIALS</u> | | | |
|----------------------------|-------------------------------|---|---------------------------|--------------|--------|------|
| | | | Winter Wheat | Spring Wheat | Barley | Oats |
| I | Essex | AAFC-GPCRC – Woodslee | R, I | | | |
| I | Kent | U of Guelph – Ridgetown | R, F, I | | | |
| I | Lambton | U of Guelph – Inwood | R, I | | | |
| II | Middlesex | Pioneer – St. Mary’s | R, I, F | | | |
| II | Bruce | C & M Seeds - Kincardine | R, I | R, I | I | R, I |
| II | Wellington I | U of Guelph - Elora | R | R, F | I | R |
| II | Wellington II | C & M Seeds - Palmerston | R, I | R, I | I | R, I |
| III | Dundas | U of Guelph - Winchester | R | R, I | I | R, I |
| III | Leeds-Grenville | AAFC-ORDC - Prescott | R, I | | | |
| III | Carleton | AAFC-ORDC - Ottawa | R, F | R, F | I | R |
| III | Carleton | AAFC-ORDC – Osgoode ¹ | | | I | |
| III | Leeds-Grenville | AAFC-ORDC – Heckston ¹ | | | | R |
| III | Prescott/Russel | AAFC-ORDC – Ste. Isidore | | R | | |
| V | Temiskaming | U of Guelph – New Liskeard ² | R, I | R, I | I | R, I |
| V | Nipissing | U of G (NLCAT) – Verner | | R | I | R |
| V | Rainy River | EMO – Emo ¹ | | R | I | R |

¹ Unofficial site at no extra cost to sponsors

² Unofficial site for winter wheat; official site for other crops

³ I – Intensive trials will be treated with a foliar fungicide. All barley trials will be treated where possible.

Appendix 3: Site Operator information:

| Test Area | Site Operator | Crop Type | Contact Info |
|-----------|-----------------|---|--|
| I | U of G (RC) | Winter Wheat Winter Wheat FHB Inoculation | Lily Tamburi-Illinic, University of Guelph, Ridgetown Campus, 120 Main St E., Ridgetown, ON, N0P 2C0, tel: 519-674-1633, ltamburi@uoguelph.ca |
| I | AAFC-ORDC | Winter Wheat | Gavin Humphreys, Oliver Wu, G.P.C.R.C., 2585 County Road 20, Agriculture and Agri-Food Canada, Harrow, Ontario N0R 1G0. Tel #: (519) 738-1302; Xiaoguang.Wu@AGR.GC.CA gavin.humphreys@agr.gc.ca |
| II | U of G-Plant AG | Winter Wheat | Ali Navabi, Nick Wilker Dept. of Plant Agriculture, Crop Science Bldg. University of Guelph, Guelph, Ontario N1G 2W1. Tel. #. (519) 824-4120 Ext. 56829 anavabi@uoguelph.ca wilkern@uoguelph.ca |
| | | Spring Wheat | |
| | | Barley | |
| | | Oats | |
| | | Spring Wheat FHB Inoculation | |
| II | C & M Seeds | Winter Wheat | Ellen Sparry, C&M Seeds, 6180 5 th Line, Palmerston, ON, N0C 2P0; tel: 519-343-2126 esparry@redwheat.com |
| | | Spring Wheat | |
| | | Barley | |
| | | Oats | |
| II | DuPont Pioneer | Winter Wheat | Alex Whittal alex.whittal@pioneer.com |
| | | Winter Wheat FHB Inoculation | |
| III | AAFC-ORDC | Winter Wheat | Gavin Humphreys, Andre Kalilililo, O.D.R.C, AAFC. Bldg. 143, Ottawa, ON, K1A 0C6. Tel #: (613) 759-1643. gavin.humphreys@agr.gc.ca andre.kalilililo@agr.gc.ca |
| | | Winter Wheat FHB Inoculation | |
| | | Spring Wheat | Shahrokh Khanizadeh / Xuelian Wang, O.D.R.C., AAFC, Bldg. 143, Ottawa, ON , K1A 0C6. Tel #: (613) 759-1627 Shahrokh.Khanizadeh@agr.gc.ca |
| | | Spring Wheat FHB Inoculation | |
| | | Barley | Raja Khanal/ Steve Thomas, O.D.R.C., AAFC, Bldg. 143, Ottawa, ON , K1A 0C6. Tel #: (613) 759-1720, raja.khanal@canada.ca Steve.Thomas@agr.gc.ca |
| | | Oats | Weikai Yan / Brad DeHaan, O.D.R.C., AAFC, Bldg. 143, Ottawa, ON , K1A 0C6. Tel #: (613) 759-1625, weikai.yan@agr.gc.ca , dehaanbg@agr.gc.ca |

| | | | |
|-----|--|-----------------------------------|--|
| III | U of G- Winchester | Winter Wheat | Holly Byker, Ian DeSchiffert, Univ of Guelph, Research Station Operations/Winchester Agricultural Reserach Station 51 Research Lane, Kemptville, ON K0G 1J0 Tel. #: (613) 258-8336 (ph: ext 209) hbyker@uoguelph.ca; ideschif@uoguelph.ca |
| | | Spring Wheat | |
| | | Barley | |
| | | Oats | |
| V | U of G- NLCAT (Includes Verner) | Winter Wheat (unofficial site) | Nathan Mountain, New Liskeard Agriculture Res. Station, 340 Armstrong St., Box 6007, New Liskeard, ON, P0J 1S0 nmountai@uoguelph.ca (705) 647-8525 x 226 |
| | | Spring Wheat | |
| | | Barley | |
| | | Oats | |
| V | Emo Research Station (unofficial site) | Winter Wheat | Kimberly Bliss Emo Research Station 6444 Highway 11 West, Box 475 Emo, ON, P0W 1E0 (807) 482-2354 kbliss@uoguelph.ca |
| | | Spring Wheat | |
| | | Barley | |
| | | Oats | |

APPENDIX 4: Code of Ethics for Plant Breeders and Co-Operators Conducting Cultivar Evaluation Trials Related to the Activities of the OCCC

The mutual interests of all engaged in cultivar development and evaluation are served by the climate which engenders the greatest freedom of communication and exchange of breeding material, while at the same time providing adequate safeguards to the breeder of any material.

It is the desire of all breeding institutions to receive credit for their discoveries and to recognize the discoveries of other institutions, both privately and publicly funded. Therefore, it is recommended that breeders, test co-operators, institutions and companies conducting cultivar trials related to the activities of the OCCC subscribe to the following code of ethics. (For a list of those associated with the OCCC who are covered by this Code see Appendix 3: Site Operator Information.)

A. GENERAL

In case of conflict between this code and any provincial or federal legislation (such as plant breeders' rights legislation), or a prior material transfer agreement, the legislation or signed material transfer agreement would prevail.

B. WRITTEN PERMISSION NOT REQUIRED

Material registered and/or commercially available as a cultivar in any country may be used without the permission of the breeding organization as parental material for making crosses or for induction of mutations, for the purpose of creating other cultivars.

C. WRITTEN PERMISSION REQUIRED

1. Material not registered and/or commercially available as a cultivar in any country may be used as parental material in a breeding program only with the written permission of the breeding organization.
2. When repeated use of a cultivar is required for the production of seed of another cultivar, the written permission of the breeding organization must be obtained. This does not preclude use of a registered cultivar as a recurrent parent in a back-cross breeding program.
3. Selection within a normally self-pollinated cultivar for the purposes of creating a new cultivar may only be done with the written permission of the breeder.
4. The isolation of parental lines that are present as mixtures in hybrids and any use of them may only be made with the written permission of the breeding organization.
5. Material not registered and/or commercially available as a cultivar in any country may not be distributed for purposes other than registration tests, without the written permission of the breeding organization.
6. Seed multiplication of an unregistered cultivar, for purposes other than for seed stocks for registration trials, may be done only with written permission of the breeding organization.

Note: It is recommended that this code be implemented for any material entered into variety registration trials or Performance Trials as of or after February 1, 2018.

Appendix 5 – Performance Trial Entry Guidelines And Seed Requirements

Entry Guidelines:

Varieties/cultivars are entered by the sponsor online in the member area of the www.gocereals.ca website. Sponsors who have not been assigned a login user id and password should contact the Performance Trial Coordinator. **The sponsor must have an account with OCCC and must not be in arrears.**

Eligible Varieties

To be eligible for entry into the Performance Trials, the cultivar/variety must:

- a. Be registered for sale in Ontario
- b. OR have been supported for registration by OCCC within the previous 2 years
- c. OR in the case of winter wheat, is going to be submitted to the OCCC for registrations support at the January meeting following entry
- d. OR have been supported for registration by another recognized recommending committee in Canada within the previous 2 years AND, in the case of wheat, the OCCC has not objected to the extension of registration to Ontario.

Variety Information

The following cultivar information must be supplied at the time of entry:

1. Wheat classes: a = awned, hrw = hard red winter, sww=soft white winter, srw=soft red winter, hrs = hard red spring, hws = hard white spring, efs = eastern feed spring, sd = spring durum

Barley classes: 6R = six row, 2R = two row, n = naked/hulless; feed or malt type

Oat classes: y = yellow, w = white, n = naked/hulless

2. Test Area(s) requested: I, II, III, and/or V.
3. Variety registration designation, date registered, CFIA registration number

Sponsor Seed Requirements

Seed should be of minimum Certified #1 quality.

Seed Treatments:

Seed must be treated in accordance with the best practice and in full observance of all manufacturers' recommendations. Seed packages must be labeled to indicate what seed treatment has been applied.

Winter Wheat:

- Because of the risk of European chafer at some sites, it is recommended that seed be treated with a registered insecticide that will control chafers.
- Seed *must* be treated with a registered fungicide that contains difenoconazole to provide control of soil –borne dwarf bunt.

Spring Cereals:

All seed must be treated. Only registered fungicidal seed treatments applied at the rate recommended by its manufacturer are allowed.

Labelling of seed - Sponsors must ensure that all seed is clearly labelled with cultivar variety name, % germination, 1000k wt. and seed treatment and rate used.

Seed Shipment - Ship **entries directly to each Trial Site Operator** listed in Appendix 3 by the dates specified in "Entry Guidelines and Fees for Spring Cereals" or "Entry Guidelines and Fees for Ontario Winter Wheat Performance Trials". (available on GoCereals.ca) Seed of a cultivar that arrives too late at a site for planting shall be substituted at the expense of the sponsor. No data for the missing cultivar will be reported in that testing Area.

Appendix 6 – Performance Trial Fee Structure (2017)
 (for map showing testing areas, go to GoCereals.ca)

Winter Wheat Test Fees per Entry

| Testing Area | Agronomy Cost per location | # Locations | Cost for Area |
|-----------------------------|----------------------------|-------------|---------------|
| Area I | \$ 160 | 3 | \$ 480 |
| Area II | \$ 160 | 4 | \$ 640 |
| Area III | \$ 160 | 3 | \$ 480 |
| Fusarium inoculated trials* | \$ 130 | 3 | \$ 390 |
| Data management fee* | \$ 50 | 1 | \$ 50 |
| All areas | \$ 160 | 10 | \$ 2,030 |

Spring Wheat Test Fees per Entry

| Testing Area | Agronomy Cost per location | # Locations | Cost for Area |
|-----------------------------|----------------------------|-------------|---------------|
| Area II | \$ 160 | 3 | \$ 480 |
| Area III | \$ 160 | 3 | \$ 480 |
| Area V | \$ 160 | 2 | \$ 320 |
| Fusarium inoculated trials* | \$ 130 | 2 | \$ 260 |
| Data management fee* | \$ 50 | 1 | \$ 50 |
| All areas | | | \$ 1,590 |

Spring Barley Test Fees per Entry

| Testing Area | Agronomy Cost per location | # Locations | Cost for Area |
|----------------------|----------------------------|-------------|---------------|
| Area II | \$ 160 | 3 | \$ 480 |
| Area III | \$ 160 | 2 | \$ 320 |
| Area V | \$ 160 | 2 | \$ 320 |
| Data management fee* | \$ 50 | 1 | \$ 50 |
| All areas | | | \$ 1,170 |

Oat Test Fees per Entry

| Testing Area | Agronomy Cost per location | # Locations | Cost for Area |
|----------------------|----------------------------|-------------|---------------|
| Area II | \$ 160 | 3 | \$ 480 |
| Area III | \$ 160 | 2 | \$ 320 |
| Area V | \$ 160 | 2 | \$ 320 |
| Data management fee* | \$ 50 | 1 | \$ 50 |
| All areas | | | \$ 1,170 |

* - mandatory

All fees are payable upon invoicing. Data will not be released or published for cultivars where testing fees have not been paid. Failure to remit payment may also jeopardize future entry into the trial by the sponsor until full payment is made.

Appendix 7 - OCCC Performance Data Publication Guidelines

The Ontario Cereal Crops Committee encourages the publication of the complete data from the Ontario Performance Tests. This includes the complete tables, including footnotes, for yield, varietal characteristics and fusarium reaction as they appear in the **INFOSHEET** or on the website: <http://www.gocereals.ca>

Guidelines:

Whenever OCCC performance data are used, credit to the Ontario Cereal Crops Committee must be stated and direction given to the official OCCC data set at www.gocereals.ca

OCCC will permit publication of specific subsets of data. The following data may be excluded from publication:

- Complete tables (yield, varietal characteristics, fusarium reaction)
- Data on all entries within a quality class within a table. When one or more classes are excluded from a table, the means of the entire test and the number of entries and locations in the entire test (including the excluded classes) must be included in the table. All table footnotes, as they appear on the **Infosheet**, must be included.
- The following columns may be excluded from the varietal characteristics table for all varieties presented:
 - TKW
 - Height
 - Disease reaction columns. All disease reaction columns may be excluded as a set. Exclusion of individual columns showing reaction to specific diseases is not acceptable.

Permission to publish OCCC performance data must be granted before publication. To obtain permission, contact the Performance Trial Coordinator listed in Appendix 1.

"If the sponsor of proposed promotional material believes that the Performance Trial Coordinator is in a conflict of interest, or a perceived conflict of interest, with respect to the proposed material, it will be referred to the representative of the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) on the OCCC for review."