Proposed Reforms for the Prairie Recommending Committee for Wheat, Rye and Triticale (PRCWRT)

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Outline

- Ministerial Request for Operating Procedure Review
- Establishment of Working Group
- Proposed Reforms
- Roadmap for Implementation
Operating Procedures Review - Background

• PRCWRT is an industry panel of experts established to provide science- and merit-based variety registration recommendations to CFIA for wheat, rye and triticale

• The PRCWRT has established protocols for the concurrent determination of the value for cultivation and market classification so as to:
  – increase predictability of market classification
  – add value to experimental candidate cultivars
  – increase the rate of new cultivar adoption

http://pgdc.ca/committees_wrt.html
Letter from Minister Ritz – Areas for Review

• Utilize flexibilities of current system for streamlining procedures

• Reassess data requirements, no. of years, pre-registration trials, foreign data, etc.

• Adjust committee structure and membership in order to ensure a full and balanced value chain representativeness

• Opportunities to streamline merit assessment where appropriate and applicable
## Establishment of Working Group

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<thead>
<tr>
<th>Surname</th>
<th>First Name</th>
<th>Title</th>
<th>Affiliation</th>
<th>Team</th>
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<tr>
<td>*Beres</td>
<td>Brian</td>
<td>Dr.</td>
<td>Agriculture &amp; Agri-Food Canada</td>
<td>AET</td>
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<td>**Pozniak</td>
<td>Curtis</td>
<td>Dr.</td>
<td>University of Saskatchewan</td>
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<td>DePauw</td>
<td>Ron</td>
<td>Dr.</td>
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<td>Kirigwi</td>
<td>Francis</td>
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<td>Syngenta Seeds Canada</td>
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<td>***Meyer</td>
<td>Leo</td>
<td>Mr.</td>
<td>Leo Meyer Grain Production Ltd.</td>
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<td>***Vos</td>
<td>Henry</td>
<td>Mr.</td>
<td>Alberta Wheat Commission</td>
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<td>Fetch</td>
<td>Tom</td>
<td>Dr.</td>
<td>Agriculture &amp; Agri-Food Canada</td>
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<td>Arney</td>
<td>Sheilagh</td>
<td>Ms.</td>
<td>ADM Milling Co.</td>
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<td>Peter</td>
<td>Mr.</td>
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<td>Hatcher</td>
<td>David</td>
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<td>Canadian Grain Commission</td>
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<td>Worden</td>
<td>Graham</td>
<td>Mr.</td>
<td>Paterson Global Food</td>
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* Chair, PRCWRT  
** Secretary, PRCWRT 
*** Producer
Utilize flexibilities of current system for streamlining procedures – Proposed Reforms

- CFIA review of OP’s
  - Numerous suggestions incorporated to streamline document

- Remove distinction between Public coops and private registration trials
  - Creates redundancies/confusion

- Result is a document of procedures easy to understand and navigate
Reassess data requirements, no. of years, pre-registration trials, foreign data, etc. – Proposed Reforms

• Data requirements shortened by 1 Yr.
  – Pre-registration trial requirements vs. Registration trial requirements
  – Currently, typical process for evaluation is 1 yr Pre-registration + 3 yrs of Coop level evaluation = 4 yrs
  – Proposed reforms revises OP’s to specify 24 site-years of data over 3 calendar years

• Up to 4 site-years of foreign data acceptable if collected in USA states adjoining Prairie provinces

• Priority disease assessments reduced from 7 to 5:
  – Fusarium head blight
  – Leaf, stem, and stripe rusts
  – Common bunt
Analysis of current membership indicates a balanced representation along the entire wheat value chain.
DISTRIBUTION OF MEMBERS BY COMMITTEE TEAM AND AFFILIATION

Committee team

Public/Private

Private:Life Science:Producer

Producer:Producers organization
Opportunities to streamline merit assessment where appropriate and applicable – Proposed Reforms

• Automatic endorsement by PRCWRT for candidate cultivars receiving ‘Do Not Object’ or ‘Support’ at Team level
  – This would have been the outcome for 85% of lines in 2013
  – Candidates not supported by all three ET’s referred to Cultivar Voting Panel

• Cultivar Voting Panel
  – Deliberates on candidates not fully endorsed
  – 7 reps from each ET + CSTA and CSGA reps
  – Replaces current 75 member voting system ie. Similar model to canola

• Merit Assessment Tool
  – used to automate voting at team level by assessing each trait with a quantified value

• These measures address concern of predictability
Prairie Registration Committee for Wheat, Rye & Triticale
Agronomic Evaluation Team

CANDIDATE CULTIVAR RECORD OF OPINION

Candidate Name: 
Registration Slaught: 
Purposer: 
Institution/Company: 
Crop Kind: 
Class: 
Evaluation Tests: 

Grain Yield: 
Unirrigated: 
Within the range of the check(s): 
Height: 
Within the range of the check(s): 
Straw Strength: 
Within the range of the check(s): 
Kernel Weight: 
Within the range of the check(s): 

Winter Survival: 
Within the range of the check(s): 
Dawn Power: 
Within the range of the check(s): 
Special Consideration: 

AGRONOMIC ASSESSMENT (relative to the range of the appropriate check(s))

GRASS YIELD 
Higher than all checks: 2 
Within the range of the check(s): 0 
Lower than all checks: -2 

DAYS TO FIRST FLOWERING 
Higher than all checks: 1.5 
Within the range of the check(s): 0 
Lower than all checks: -1 

WEIGHT 
Within the range of the check(s): 0 
Taller than all checks: -1 

SHOOT STRENGTH 
Stronger than all checks: 1 
Within the range of the check(s): 0 
Weaker than all checks: -1 

KERNEL WEIGHT 
Higher than all checks: 0.5 
Within the range of the check(s): 0 
Lower than all checks: -1 

WINTER SURVIVAL 
Within the range of the check(s): 0 
Loser than all checks: -1 

GRAIN PROTEIN 
Better than all checks: 1 
Within the range of the check(s): 0 
Rower than all checks: -1 

SPECIAL 1 
-- Values 
SPECIAL 2 
-- Values 
SPECIAL 3 
-- Values 

Evaluation Results: 

- enter choice -

Support: 0.15 
Total: 0.00 

VOTE: 
Support 
No Not Object 
Object 
Abstain 

RECOMMENDATION: 

On the basis of the information presented, the Agronomic Evaluation Team: 

- enter choice -

Date: 
Chair:
Secretary: 
Chair or Secretary: Signature:

--- End of Document ---
Roadmap for Implementation

• Covering letter and report submitted to Minister Ritz and Strategic Policy and Innovation in early July

• Ratification will be sought in late summer to coincide with stakeholder consultation

• Proposed reforms, if ratified, to be in place for February meetings