



Agriculture and
Agri-Food Canada

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

Brian Beres, Ph.D., P.Ag.

Chair, PRCWRT

Research Scientist - Agronomy

AAFC – Lethbridge, Alberta

brian.beres@agr.gc.ca

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Canada

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

Surname	First Name	Title	Affiliation	Team
*Beres	Brian	Dr.	Agriculture & Agri-Food Canada	AET
**Pozniak	Curtis	Dr.	University of Saskatchewan	AET
DePauw	Ron	Dr.	Agriculture & Agri-Food Canada	AET
Ferguson	Tim	Mr.	Viterra	AET
Graf	Robert	Dr.	Agriculture & Agri-Food Canada	AET
Kirigwi	Francis	Dr.	Syngenta Seeds Canada	AET
***Meyer	Leo	Mr.	Leo Meyer Grain Production Ltd.	AET
***Vos	Henry	Mr.	Alberta Wheat Commission	AET
Fetch	Tom	Dr.	Agriculture & Agri-Food Canada	DET
Arney	Sheilagh	Ms.	ADM Milling Co.	QET
Entz	Peter	Mr.	JRI & Country Elevators Assoc	QET
Hatcher	David	Dr.	Canadian Grain Commission	QET
Worden	Graham	Mr.	Paterson Global Food	QET

* 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

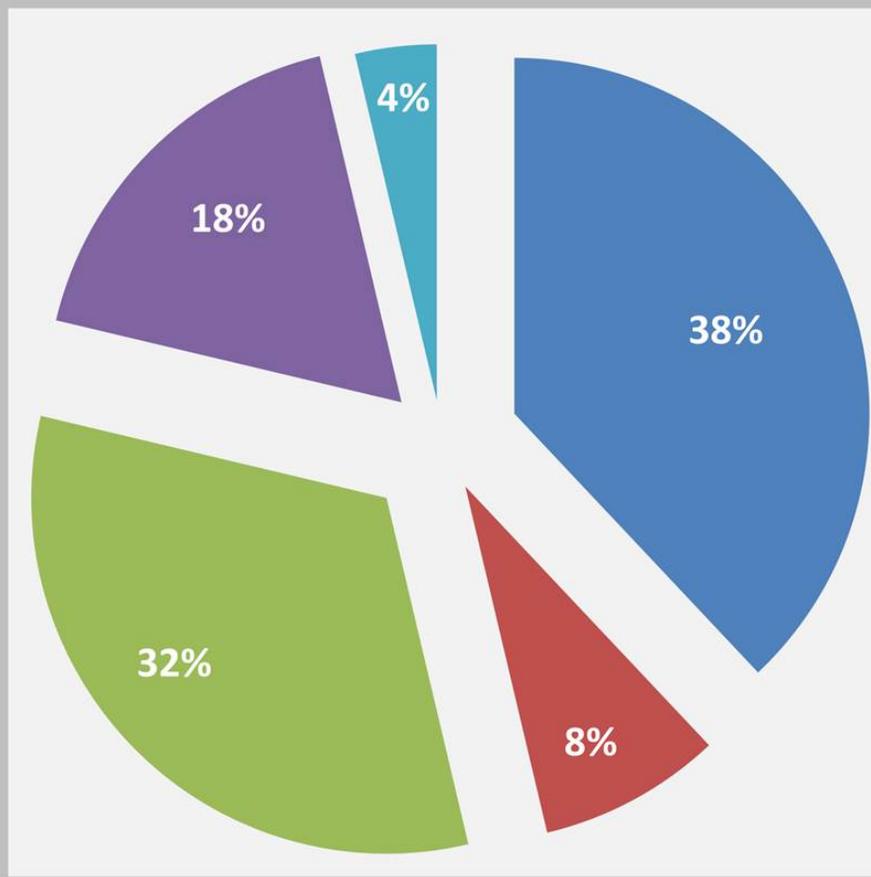
Reassess data requirements, no. of years, pre-registration trials, foreign data, etc. – Proposed Reforms

- 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

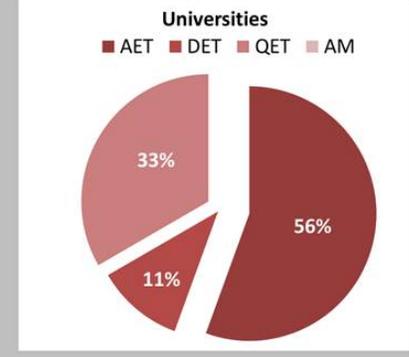
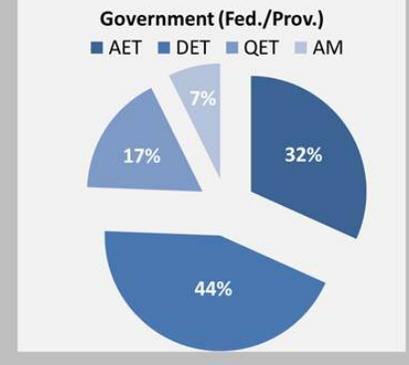
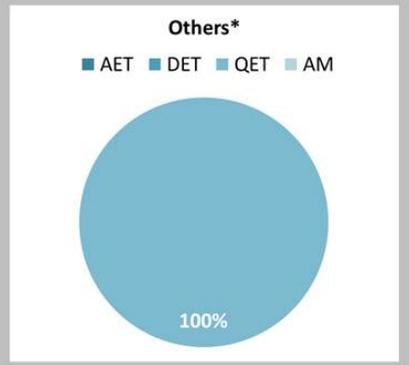
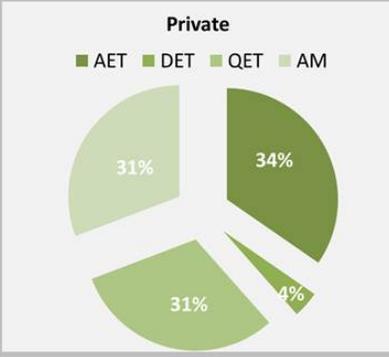
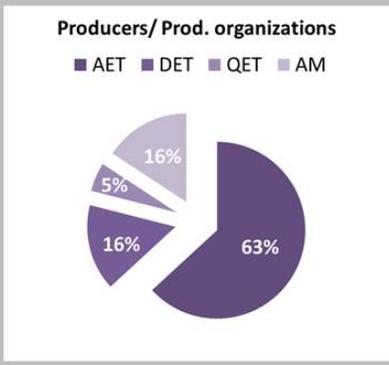
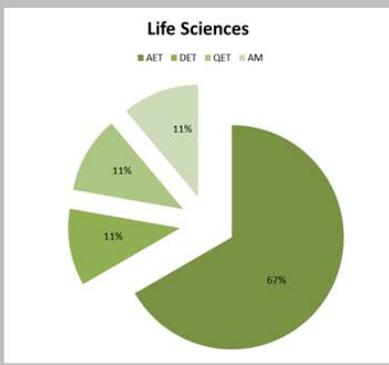
Review committee structure and membership

Analysis of current membership indicates a balanced representation along the entire wheat value chain

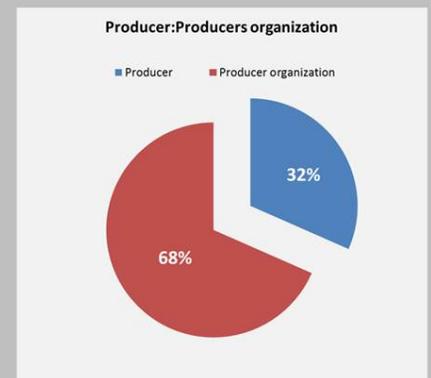
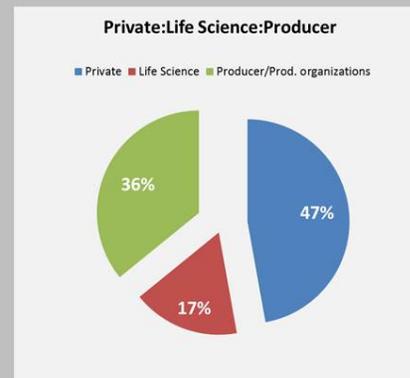
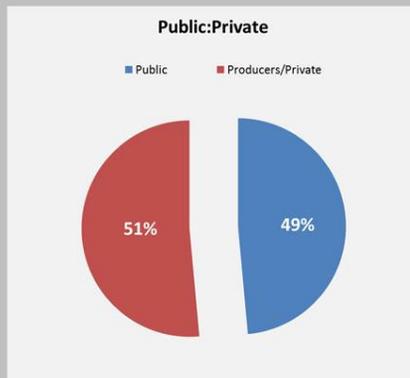
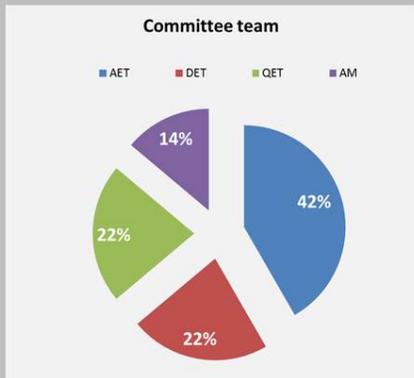
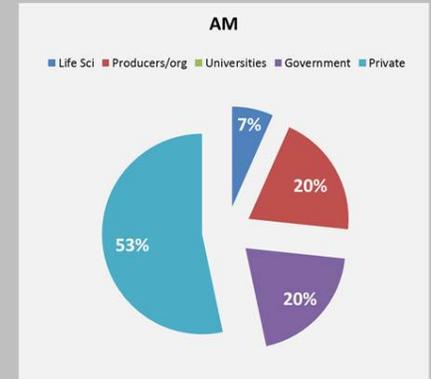
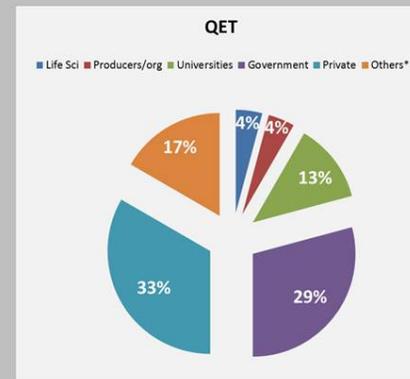
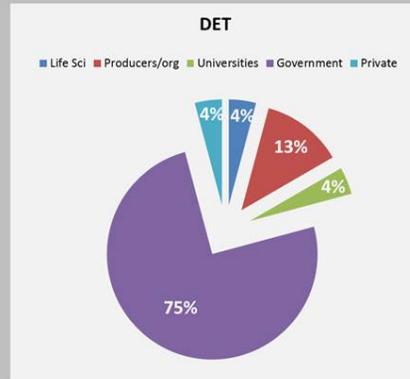
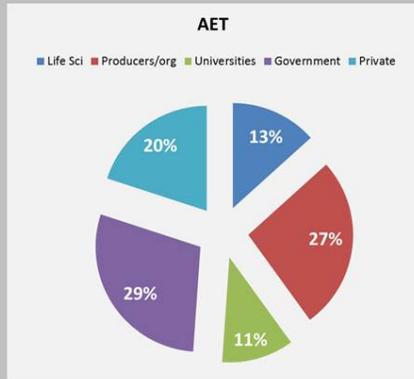
MEMBERSHIP AFFILIATION



- Government (Fed./Prov.)
- Private (incl. Life Sciences)
- Universities
- Producers/Prod. Organizations
- Others*



DISTRIBUTION OF MEMBERS BY COMMITTEE TEAM AND AFFILIATION



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: Crop Kind:
 Registration Sought: Class:
 Proposer: Evaluation Tests:
 Institution/Company:

Moved/Seconded:
 Supplementary Data: Moved/Seconded: Vote:

AGRONOMIC ASSESSMENT (relative to the range of the appropriate checks):

Grain Yield: <i>Within the range of the checks</i>	Winter Survival: <i>n/a</i>
Maturity: <i>Within the range of the checks</i>	Grain Protein: <i>Within the range of the checks</i>
Height: <i>Within the range of the checks</i>	Special Consideration: <i>n/a</i>
Straw Strength: <i>Within the range of the checks</i>	Special Consideration: <i>n/a</i>
Test Weight: <i>Within the range of the checks</i>	Special Consideration: <i>n/a</i>
Kernel Weight: <i>Within the range of the checks</i>	

Pertinent Notes, Clarifications & Discussion:

1.
2.
3.
4.
5.

VOTE: Support: No Not Object: Object: Abstain:

MERIT SCORE RESULT: --- 0.00

RECOMMENDATION: On the basis of the information presented, the Agronomic Evaluation Team:
 - enter choice -

Date: Chair:
 Secretary:

Chair or Secretary Signature: _____

THRESHOLDS	STATISTICS
Support: 0.15	Total: 0.00
DIQ: -0.15	Mean: 0.00

GRAIN YIELD	0	Value
Higher than all checks		2
Within the range of the checks		0
Lower than all checks		-2
n/a		

MATURITY	0	Value
Earlier than all checks		1.5
Within the range of the checks		0
Later than all checks		-1
n/a		

HEIGHT	0	Value
Shorter than all checks		1
Within the range of the checks		0
Taller than all checks		-1
n/a		

STRAW STRENGTH	0	Value
Stronger than all checks		1
Within the range of the checks		0
Weaker than all checks		-1
n/a		

TEST WEIGHT	0	Value
Higher than all checks		0.5
Within the range of the checks		0
Lower than all checks		-1
n/a		

KERNEL WEIGHT	0	Value
Higher than all checks		0.5
Within the range of the checks		0
Lower than all checks		-1
n/a		

WINTER SURVIVAL	--	Value
Higher than all checks		1.5
Within the range of the checks		0
Lower than all checks		-3
n/a		

GRAIN PROTEIN	0	Value
Better than all checks		1
Within the range of the checks		0
Poorer than all checks		-1
n/a		

SPECIAL 1	--	Value
Midge resistant		1.5
Wheat stem sawfly resistant		1.5
Wheat curl mite resistant		1.5
Clearfield herbicide tolerance		1.5
Other		1.5
n/a		

RECOMMENDATION
 - enter choice -
 supports the registration of this candidate cultivar.
 does not object to the registration of this candidate cultivar.
 objects to the registration of this candidate cultivar.
 cannot make a recommendation on this candidate cultivar.

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



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