



Association of Official Seed Certifying Agencies

**AOSCA Small Grains Committee
Meeting Agenda
Tuesday, June 9, 2020 / 10:00 am Central
Chair: Lauren Port / Vice Chair: Heather Unverzagt**

- 1) Call to Order: Called to order by Chair Lauren Port at 9:04 Mountain Time.
- 2) Approve Agenda – Doc #20_AM_SG_01: Motion made, seconded, and passed to approve the agenda as presented.
- 3) Approve Minutes of 2019 Meeting - Doc #20_AM_SG_02: No edits or corrections. Motion made, seconded, and passed to approve the minutes as distributed.
- 4) Discuss Committee Proposals - Hybrid Rye and Wheat standards changes
Doc #20_AM_SG-SC_01

Discussion:

Mike Moore – question- conversions to meters. What is the purpose?

Lauren Port-Standards came directly from Canada to compare.

Steve Sebesta- ND State Law requires metrics. Leftover from when ND adopted ND standards for AOSCA.

Motion made, seconded, and passed to remove all references to meters.

Terry Hollifield – question- genetically identifiable to maintainer line. In definitions.

Sebesta – hybrid breeding program – start out with B or R lines. Backcrosses recover the A line which is cytoplasmically sterile but has all the DNA of the B line. Genetically identifiable. 98% Identical to the B line.

Timothy Blank – definitions genetically identical twice. Isogenic to maintainer line would be more appropriate.

Hollifield – how to we prove it is genetically identical? Is terminology needed?

Moore- remove genetically wording.

Sebesta – opens up to phenotypically

Hollifield – what test can be used?

Sebesta – electrophoresis.

Roger Boerma – semantics – isogenic lines are never isogenic – they are near isogenic.

Hollifield – asked to remove genetically

Palmer – remove genetically identical to maintainer line phrase. Sebesta would not disagree. Blank would be okay as well.

Motion made, seconded, and passed to remove both references to ‘genetically identical’.

Refer to strikethrough below for wording changes

- d. Definition of parental types
- i) Seed Parent (A-line): Cytoplasmic male sterile line (CMS), ~~that is genetically identical to the Maintainer line~~, which when pollinated by a Restorer, ~~results in produces~~ hybrid seed;
 - ii) Maintainer (B-line): A line ~~which is genetically identical to the Seed Parent but~~ with normal fertile cytoplasm used ~~as a pollinator~~ to increase Seed Parent (A-line) seed while maintaining the male sterility of the CMS ~~seed-Seed parent~~Parent.
 - iii) Restorer (R-line): Any male fertile line possessing nuclear restoration genes used as a pollinating male parent in the production of ~~a~~ commercial hybrid seed.
- ection III. Production of Seed – Seed production fields or parts of fields shall be inspected as follows:
- a. A X B production: Seed parents shall be inspected three (3) times.

Timothy Blank – question first asterisk under seed standards.

~~* Hybridity will be determined by a method of acceptable accuracy that can be reproduced by a to the seed certifying agency. The completed test results must be submitted to the agency with a declaration of the hybridity prior to final certification of each lot of spring cereals and within 160 days of harvest for winter cereals.~~

Sebesta – harvest is in August and turnaround is quick. Not enough time for hybridity test in winter grains like there is for cereal grains. Testing is done in Europe. SNIPS testing are not available for 160-180 days post-harvest. Comfortable with being post control test.

Moore – is there any reason to have that clarified?

Sebesta – winter cereals they will have to do the testing after.

Motion made, seconded, and passed to replace 'of' (within 160 days of harvest) with 'post'. To read 'within 160 days post-harvest'.

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Lauren Port asked for a motion to move standards forward with changes.

Motion made, seconded, and passed to move the Hybrid Rye and Wheat standards forward to the Council at the Annual Meeting, with edits.

5) Other Business

Chet – will post amended standard on website asking for comments for the online voting process.

6) Adjourn

Motion made, seconded, and passed to adjourn. Meeting adjourned at 9:40 Mountain Time by Chair Lauren Port.