

2020 Rule Change Proposal 18

1. PURPOSE OF PROPOSAL:

The purpose of this proposal is to change the germination test temperature for Argentine bahiagrass from 30-35C to 20-35C. This would standardize the testing temperatures for all bahiagrass species listed in the AOSA Rules.

2. PRESENT RULE:

AOSA Rules:

Table 6A. Methods of testing for laboratory germination

Kind of seed	Substrata ^a	Temperature (C°)	First count (days)	Final count (days)	Specific requirements and notes	Dormant seed ^f
<i>Paspalum notatum</i> bahiagrass 'Pensacola'	P, S	20-35	7	28	Light; see sec. 6.8b	Scratch caryopsis; KNO ₃
All other cvs.	P	30-35	3	21	Light; remove enclosing structures: see sec. 6.8.b	Scratch caryopsis; KNO ₃

3. PROPOSED RULE:

AOSA Rules:

Table 6A. Methods of testing for laboratory germination

Kind of seed	Substrata ^a	Temperature (C°)	First count (days)	Final count (days)	Specific requirements and notes	Dormant seed ^f
<i>Paspalum notatum</i> bahiagrass 'Pensacola'	P, S	20-35	7	28	Light; see sec. 6.8b	Scratch caryopsis; KNO ₃
All other cvs.	P	30 20-35	3	21	Light; remove enclosing structures: see sec. 6.8.b	Scratch caryopsis; KNO ₃

4. HARMONIZATION AND IMPACT STATEMENT:

ISTA Rules – This proposal would remain in harmony with these. Test methods do not list separate testing temps for Argentine bahiagrass with all cultivars being tested at 20-35C or 20-30C.

FSA/Regs Section 201 – The AOSA Rules would no longer be in harmony if this change was adopted.

Canadian M&P – These rules do not list a test method for *Paspalum notatum*.

5. SUPPORTING EVIDENCE:

Proposal based upon the results and data analysis of a 2019 Zone 5 Referee project. Details and findings of this project are provided as an attachment.

6. SUBMITTED BY:

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7. DATE SUBMITTED:

October 9, 2019