

## 2024 Rule Change Proposal 8

**PURPOSE OF PROPOSAL:** To add *Bromus riparius* Rehmman × *B. inermis* Leyss., hybrid brome grass, to Volume 3.

**PRESENT RULE:**

None.

**PROPOSED RULE:**

Volume 3. Uniform Classification of Weed and Crop Seeds

Nomen #	Scientific name	Common name	Family	Spp class	CONTAMINATING CLASSIFICATION						
					A	F	H	R	S	T	V
NA	<u><i>Bromus riparius</i> Rehmman × <i>B. inermis</i> Leyss.</u>	<u>hybrid brome grass</u>	<u>Poaceae</u>	<u>A</u>	<u>C</u>	<u>W</u>	<u>W</u>	<u>W</u>	<u>W</u>	<u>W</u>	<u>W</u>

**HARMONIZATION/IMPACT STATEMENT:** *Bromus riparius* × *B. inermis*, hybrid brome grass, is not currently listed in the Federal Seed Act Regulations, the Canadian Methods and Procedures for Testing Seeds, or the International Rules for Seed Testing. This species is sold as a new forage crops in Canada and the United States.

**SUPPORTING EVIDENCE:**

Hybrid brome grass was added to Volume 1 of the AOSA Rules during the 2022-23 rule proposal cycle. The pure seed unit definition, working sample weights, and germination test specifications were added to Volume 1; however, the species classification and contaminating classifications were not added to Volume 3 at that time.

Hybrid brome grass is generated by crossing meadow brome grass (*Bromus riparius*) and smooth brome grass (*B. inermis*). The resulting hybrid is a slightly creeping, winter hardy, long-lived perennial, good drought tolerance, dual purpose forage grass for both hay and pasture systems, with faster regrowth compared to *B. inermis*, and greater hay yields compared to *B. riparius*. Three Canadian varieties, Knowles and Success, were released in 2000 and 2003, respectively, and Torque was released in 2018. Since the superior quality of hybrid brome grass in fast growth and high yield than their parental species, it was widely used as forage in Canada and the USA.

**REFERENCES:**

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