

2022 Rule Proposal #17

Purpose of Proposal: To add *Carex pseudocyperus* (cyperus-like sedge), *Carex sprengei* (Sprengel's sedge), and *Carex vulpinoidea* (fox sedge) to Volume 3 of the AOSA Rules for Testing Seeds.

Present Rule: none

Proposed Rule:

NOME N #	SCIENTIFIC NAME	COMMON NAME	FAMILY	SPP. CLA SS	CONTAMINATING CLASSIFICATION						
					A	F	H	R	S	T	V
468829	<i>Carex pseudocyperus</i> L.	sedge, cyperus- like	Cyperacea e	R	W	W	W	C	W	W	W
9120	<i>Carex sprengei</i> Dewey ex Spreng.	sedge, Sprengel's	Cyperacea e	R	W	W	W	C	W	W	W
451285	<i>Carex vulpinoidea</i> Michx.	sedge, fox	Cyperacea e	R	W	W	W	C	W	W	W

Harmonization and Impact Statement: These three *Carex* species are not currently listed in the Federal Seed Act Regulations, the Canadian Methods and Procedures for Testing Seeds, or the International Rules for Seed Testing. These species are sold in the native seed industry in the United States. The working weights were recently added to Volume 1 of the AOSA Rules for Testing Seeds. The classification scheme for these three species needs to be added to Volume 3 to provide guidance for how to classify them during the purity analysis, either as the kind or cultivar to be considered pure seed or as a contaminant (crop seed or weed seed).

Supporting Evidence: *C. pseudocyperus* and *C. sprengei* are native to much of the northern half of the United States, and *C. vulpinoidea* is native to all the lower 48 states except Utah. All three species are native to most if not all the southern half of Canada. Sedges actively grow when soil temperatures are cool (during the spring and the fall) in a variety of soil moisture levels. They are used for ground cover, erosion control, and wetland restoration; provide habitat, cover, and food for bird, small mammals, and butterflies; have a variety of attractive flowers, fruit, and foliage; and are deer resistant. It is recommended that when these *Carex* species are the kind of seed under consideration, the species class be revegetation and rangeland (R). Also, they should be classified as other crop (C) when found as a contaminant in 'R' kind of seed and as weed (W) when found as a contaminant in any other kind of seed.

References:

<https://npgsweb.ars-grin.gov/gringlobal/taxon/taxonomydetail?id=468829>
<https://npgsweb.ars-grin.gov/gringlobal/taxon/taxonomydetail?id=9120>
<https://npgsweb.ars-grin.gov/gringlobal/taxon/taxonomydetail?id=451285>
<https://plants.sc.egov.usda.gov/home/plantProfile?symbol=CAPS>
<https://plants.sc.egov.usda.gov/home/plantProfile?symbol=CASP7>
<https://plants.sc.egov.usda.gov/home/plantProfile?symbol=CAVU2>
<https://www.minnesotawildflowers.info/search?kw=carex>
<https://www.prairiemoon.com/search.html?Search=carex>
<http://www.newmoonnursery.com/index.cfm?fuseaction=plants.kwsearchpost&variety=carex&isSearch=Plant+Search>

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