

**2025 AOSA Rule Proposal #2**

**Title:** Additional of the common name ‘canola’ to Brassica napus var. napus

**Purpose of Proposal:** To add the additional name of canola (Argentine type) to Brassica napus var. napus. Also commonly known as annual/winter rape. Canola is a widely used name in the seed and food industry for Brassica napus var. napus. and is becoming more and more prevalent in the United States and Canada.

**Present Rule:** Current common names listed is only winter rape or annual rape.

**Proposed Rule:** Additional of the common name canola (Argentine type) to Brassica napus var. napus in Table 2A, 6A and Volume 3 Uniform Classification.

**Table 2A. Weights for working samples**

Pure Seed Unit #	Chaffy (C) or Super Chaffy (SC) <sup>a</sup>	Kind of seed	Minimum weight for purity analysis <sup>b</sup>	Minimum weight for noxious weed seed or bulk examination	Approximate number of seeds per gram <sup>c</sup>	Approximate number of seeds per ounce <sup>d</sup>
			Grams	Grams	Number	Number
		<i>Brassica chinensis</i> L. pak-choi	see <i>Brassica rapa</i> subsp. <i>Chinensis</i>			
2		<i>Brassica juncea</i> (L.) Czern. India mustard	5	50	625	17,690
		<i>Brassica napus</i> L. subsp. <i>rapifera</i> Metzg. rutabaga	5	50	430	12,135
		<i>Brassica napus</i> L. var. <i>annua</i> W. D. J. Koch annual rape	see <i>Brassica napus</i> var. <i>napus</i>			
		<i>Brassica napus</i> L. var. <i>biennis</i> (Schübl. & G. Martens) Rchb. — winter rape	see <i>Brassica napus</i> var. <i>napus</i>			
		<i>Brassica napus</i> L. var. <i>napobrassica</i> (L.) Rchb. rutabaga	see <i>Brassica napus</i> subsp. <i>rapifera</i>			
2		<i>Brassica napus</i> L. var. <i>napus</i> annual rape and canola (Argentine type)	7	70	345	9,810
2		<i>Brassica napus</i> L. var. <i>napus</i> winter rape and canola (Argentine type)	10	100	230	6,520

**Table 6A. Methods of testing for laboratory germination**

Kind of Seed	Substrata <sup>a</sup>	Temperature (°C)	First count (days)	Final count (days)	Specific requirements and notes	Dormant seed <sup>f</sup>
<i>Brassica carinata</i> A. Braun Ethiopian mustard	B, T	20; 20-30	5	7		
<i>Brassica chinensis</i> pak-choi	see <i>Brassica rapa</i> subsp. <i>chinensis</i>					
<i>Brassica juncea</i> India mustard	P	20-30	3	7	Light	KNO <sub>3</sub> . Prechill at 10°C for 7 days and test for 5 additional days
<i>Brassica napus</i> subsp. <i>rapifera</i> rutabaga	B, T	20-30	3	14		
<i>Brassica napus</i> var. <i>napus</i> annual rape and winter rape, <b>canola (Argentine type)</b>	B, T	20; 15-25	3	7		
<i>Brassica napus</i> var. <i>nanobrassica</i>	see <i>Brassica napus</i> subsp. <i>rapifera</i>					

7654	<i>Brassica juncea</i> (L.) Czern.	mustard, brown; mustard, India; mustard, Indian	Brassicaceae	V	W	W	W	W	W	W	W	C
7657	<i>Brassica kaber</i> (DC.) L. C. Wheeler = <i>Sinapis arvensis</i> L.											
319661	<i>Brassica napus</i> L. subsp. <i>napus</i> f. <i>annua</i> (Schübl. & G. Martens) Thell.	rape, annual <b>canola (Argentine type)</b>	Brassicaceae	A	C	W	W	W	W	W	W	C
464497	<i>Brassica napus</i> L. subsp. <i>napus</i> f. <i>napus</i>	rape, winter <b>canola (Argentine type)</b>	Brassicaceae	A	C	W	W	W	W	W	W	C
7664	<i>Brassica napus</i> L. subsp. <i>napus</i> var. <i>pabularia</i> (DC.) Alef.	kale, Siberian	Brassicaceae	A	W	W	W	W	W	W	W	W

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**HARMONIZATION/IMPACT STATEMENT:**

Canola is used as a common name in the Canadian M&P as well as ISTA for *Brassica napus* var. *Napus*. AOSA-SCST should harmonize this common name with both organizations to allow full use of the name canola and eliminate discrepancy between organizations for a common name for *Brassica napus* var. *Napus*. Canola is currently not a common name recognized in the FSA.

*Canadian Methods and Procedures for Testing Seed (M&P)*

*Brassica napus* var. *napus*  
Rapeseed, oilseed rape,  
**canola - Argentine type**

*International Rules for Seed Testing*

**Table 15B.** Specific conditions for the radicle emergence test procedures; all assessments of radicle emergence should be made by eye and without magnification

Species	Germination medium	Replication	Germination temperature	Criterion of radicle emergence	Timing of radicle emergence count
<i>Brassica napus</i> (oil-seed rape, Argentine canola)	Pleated paper	2 replicates of 100 seeds	20 ±1 °C	Appearance of radicle after breaking through seed coat. Seeds in which seed coat has split, but no radicle has emerged, must not be included.	30 h ±15 min
<i>Raphanus sativus</i>	Top of paper	4 replicates of 50 seeds	20 ±1 °C	Production of 2 mm radicle.	48 h ±15 min
<i>Triticum aestivum</i> subsp. <i>aestivum</i> (excluding dormant seed lots)	Between paper	4 replicates of 50 seeds	15 ±1 °C	Production of 2 mm radicle. Radicle includes parts that are within coleorhiza, as well as those that have emerged through it.	48 h ±15 min
<i>Zea mays</i>	Between paper	8 replicates of 25 seeds	20 ±1 °C or 13 ±1 °C	Production of 2 mm radicle. Radicle includes parts that are within coleorhiza, as well as those that have emerged through it.	66 h ±15 min at 20 ±1 °C 144 h ±1 h at 13 ±1 °C

Chapter 15: Seed vigour testing

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Vigour test methods are species specific and require suitable equipment, the use of control samples and experience of the analyst. The expectation that a seed analyst can infrequently analyse an isolated sample to establish a level of vigour is unrealistic. Uniformity can be best achieved by working for a period of time alongside another analyst experienced in the use of the method. Training of analysts may be more important than the exact agreement in details of procedure.

The following ISTA vigour tests have completed validation:

**Conductivity test:** *Cicer arietinum*, *Glycine max*, *Phaseolus vulgaris*, *Pisum sativum* (garden peas only, excluding petits pois varieties), *Raphanus sativus*

**Accelerated ageing test:** *Glycine max*

**Controlled deterioration test:** *Brassica* spp.

**Radicle emergence test:** *Zea mays*, *Brassica napus* (oil-seed rape, Argentine canola), *Raphanus sativus*, *Triticum aestivum* L. subsp. *aestivum*

**Tetrazolium vigour test:** *Glycine max*

**SUPPORTING EVIDENCE:**

[The Biology of Brassica napus L. \(Canola/Rapeseed\) - inspection.canada.ca](http://The Biology of Brassica napus L. (Canola/Rapeseed) - inspection.canada.ca)

[Brassica napus subsp. napus](#)

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