

Specific Certification Standards Rapeseed and Canola

I. General Seed Certification Standards as Applied to Rapeseed and Canola

The General Seed Certification Standards as adopted are basic and together with the following specific standards constitute the standards for certification of rapeseed and canola.

II. Land Requirements

Class Planted	Class Produced	Years Field Shall be Free of Rapeseed
Breeder	Foundation	4
Foundation	Registered	3
Breeder, Foundation, Registered	Certified	2

- a. For all classes, no manure or other contaminating material shall be applied during the establishment and productive period of the stand.
- b. Reseeding of a field due to failure to partial failure of the first seeding may be done with the permission of the certifying agency.
- c. Ditch banks, roadways, etc., adjacent to a certified field must be free of volunteer rapeseed, objectionable weeds, and prohibited noxious weeds.

III. Field Inspections

Time of Inspection:

Two inspections must be made during the seedling stage before stem elongation, and when the crop is in the early flowering stage.

IV. Field Standards

a. General

i. Unit of Certification

A portion of a field may be certified if the area to be certified is clearly defined.

ii. Isolation

A field producing foundation, registered, or certified seed must have the minimum isolation distance from fields of any other variety or fields of the same variety that are not eligible for certification.

CLASSES	Fields of Cross Pollinated Varieties	Fields of Self Pollinated Varieties
Foundation	1320 feet	660 feet
Registered	1320 feet	660 feet
Certified	660 feet	330 feet
Different Generation of Same Variety	10 feet	10 feet

ii. Isolation (continued)

These isolation distances are a minimum and must be met in all cases, although it is recommended distances of three (3) miles for foundation and registered and two (2) miles for certified be used when isolating fields of different usage kinds (i.e. industrial type from edible type).

b. Specific Requirements

Factor	Maximum permitted in each class		
	Foundation	Registered	Certified
Mustards ¹	2/acre	None	4/acre
Other Varieties ²	0.05 %	0.1 %	0.2 %

¹ Mustards for this purpose shall include *Brassica nigra*, *Sinapis arvensis*, *Brassica juncea*, *Raphanus raphanistrum*, *Brassica rapa*, *Brassica kaber* *Brassica* species other than crop being inspected.

² Other Varieties shall be considered to include off-type plants and plants that can be differentiated from the variety being inspected.

V. Seed Standards

Factor	Standards for each class		
	Foundation	Registered	Certified
Pure Seed (Min.)	99 %	99 %	99 %
Total Other Crops (Max.)	0.05 %	0.10 %	0.25 %
Inert Matter (Max.)	1 %	1 %	1 %
Other Weed Seed (Max.)	0.01 %	0.02 %	0.03 %
Prohibited Noxious Weeds ¹	None	None	None
Objectionable Weeds (Max.) ²	1/50 grams	1/50 grams	2/50 grams
<i>Sclerotinia</i> bodies	None	None	None
<i>Leptosperia maculans</i>	0.01%	0.01%	0.01%
Germination (Min.)	85%	85%	85%

¹ 'None' means none found during the normal inspection procedures. 'None' is not a guarantee that the lot is free of noxious weeds.

² Objectionable weeds seeds are defined as: Restricted noxious plus *Brassica nigra*, *Sinapis arvensis*, *Brassica juncea*, *Raphanus raphanistrum*, *Brassica rapa* (for canola only) and *Galium aparine* (bedstraw).

a. Additional Requirements

- i. Erucic acid and glucosinolate content must be within tolerances as described by the plant breeder for each variety
- ii. All seed lots for which certification is applied shall be assayed for virulent *Phoma lingam* and shown to be 99.99% free of this seed-borne fungi.