



Oregon Seed Certification Service
<http://seedcert.oregonstate.edu>

CERTIFICATION STANDARDS
OIL RAPE
 (Brassica napus, B. rapa, B. campestris)
 Approved February 8, 2005

Certification Standards: The general standards for seed certification found in the Oregon Seed Certification Service (OSCS) Handbook are basic to all crops, and together with the following specific regulations constitute the standards for certified oil rape.

Varieties Certified: Varieties and classes eligible for planting may be found in the OSCS Handbook.

Field History: Land must not have grown or been seeded to cruciferous crops during the previous five years. Exception: the same variety and generation planted with a three-year time interval from previous harvest. Rape must be planted in distinct rows. Exceptions must be approved by the Seed Certification Office prior to planting.

Field Inspections: Field inspections will be made when the crop is in the early flowering stage the year in which a seed crop is produced. Volunteer plants may be cause for rejection or reclassification of a seed field. The field application must be submitted by June 15th, or within 30 days of planting if planted on or after June 1st.

Field Standards:

Factor	Maximum permitted in each class		
	Foundation	Registered	Certified
Other varieties ¹ , maximum	None	None	1:500

Isolation Requirements²:

Class of seed produced	Fields of cross-pollinated varieties ³	Fields of self-pollinated varieties
Foundation	1,320 ft.	660 ft.
Registered	1,320 ft.	660 ft.
Certified	660 ft.	330 ft.

Special Requirements:

1. Erucic acid and glucosinolate content must be determined and be described by the plant breeder for each variety. Oil and meal analysis must be conducted by an officially recognized laboratory.
2. All seed lots for which seed certification is applied for shall be assayed for *Phoma lingam* and shown to be 99.99% free of this seed-borne organism. If the seed lot is found to be infected at more than 0.01% certification may still be allowed if approved treatment is used.

Seed Standards: (Minimum Sample Size – 1/2 Pound)

Factor	Foundation (White tag)	Registered (Purple tag)	Certified (Blue tag)
Pure seed, minimum	99.00%	99.00%	99.00%
Other crops, maximum	0.01%	0.10%	0.25%
Inert matter, maximum	1.00%	1.00%	1.00%
Weed seed ⁴ maximum	0.01%	0.01%	0.25%
Restricted Weeds ^{5, 6}	one	one	two
Germination	85%	85%	85%

¹ Other varieties shall be considered to include off-type plants and plants that can be differentiated from the variety being inspected.
² These isolation distances are minimum and must be met in all cases. Isolation distance of three miles for the production of Foundation and Registered seed and two miles for the production of Certified seed is required when isolating fields of different oil and/or glucosinolate content composition.
³ The following crops/or weeds could cross pollinate with rape and cause the field to be rejected; turnip, rutabaga (swede) and rape type kales.
⁴ None of the prohibited noxious weeds listed in Section V in the OSCS Handbook, nor any bedstraw, docks, sheep sorrel or St. Johnswort.
⁵ Restricted weeds are defined as *Brassica nigra*, *Brassica juncea*, *Galium spp.*, *Raphanus raphanistrum* and *Sinapis arvensis*.
⁶ Number of seeds allowed in a noxious weed exam.