Canadian Regulations and Procedures for Pedigreed Seed Crop Production (Circular 6) Rev. February 1, 2023 Section 12

Oat - Select Plot Production

Oat includes Covered and Naked Oat.

General Requirements for All Pedigreed Seed Crops

The basic standards for all crops are set out in <u>General Requirements for All Pedigreed Seed Crops</u>. The basic standards for all plots are set out in <u>General Requirements for Plot Production</u>. In addition, the following standards apply to Oat.

Land Requirements

Inspected Crop	Must NOT be grown on land which:
Select	 In the previous year produced: a Foundation, Registered or Certified crop of Oat. In either of the preceding 2 years produced: a non-pedigreed crop of Barley, Durum, Oat, Rye, Triticale or Wheat. a crop of a different variety of Oat. a Certified crop of Oat.

Crop Inspection

Oat plots must be inspected between heading and maturity.

Crop Standards

Isolation

Minimum Isolation Distances Required from an Inspected Crop to Other Crops:

- 1. Varietal Purity (All types)
 - a. Inspected pedigreed Oat of same variety
 b. Different varieties of Oat or non-pedigreed Oat
 c. Inspected pedigreed Oat of same variety contaminated with off-types or other varieties of Oat
- 2. Varietal Purity (Hulless only)
 - a. Any crop contaminated with Wild Oat
- 3. Mechanical Purity
 - a. Barley, Durum, Rye, Triticale, Wheat

Distance

3 meters (10 feet) 10 meters (33 feet) 10 meters (33 feet)

Distance

20 meters (66 feet)

3 meters (10 feet)

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Maximum Impurity Standards

- 1. Varietal Purity (off-types/other varieties on average in 20,000 plants)
 - a. Select 1
- 2. Mechanical Purity (other crop kinds, the seeds of which are difficult to separate from the seeds of the inspected crop, on average in 20,000 plants; for Oat that includes all cereals)
 - a. Select 1