Canadian Regulations and Procedures for Pedigreed Seed Crop Production (Circular 6) Rev. February 1, 2023 Section 2

# **Oat** – Foundation, Registered and Certified 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>. In addition, the following standards apply to Oat.

### Land Requirements

Inspected Crop	Must NOT be grown on land which:	
Certified	<ul> <li>In the previous year produced:</li> <li>a non-pedigreed crop of Barley, Durum, Oat, Rye, Triticale or Wheat.</li> <li>a crop of a different variety of Oat.</li> <li>a non-pedigreed crop of Canary seed, Flax, Safflower or Sunflower which followed a non-pedigreed crop of Oat 2 years prior or a different variety of Oat 2 years prior.</li> </ul>	
Foundation & Registered	<ul> <li>In the previous year produced:</li> <li>a non-pedigreed crop of Barley, Durum, Oat, Rye, Triticale or Wheat.</li> <li>a crop of a different variety of Oat.</li> <li>a non-pedigreed crop of Bean, Canary seed, Chickpea, Fababean, Flax, Lentil, Lupin, Pea, Safflower, Soybean or Sunflower which followed a non-pedigreed crop of O at 2 years prior or a different variety of Oat 2 years prior.</li> </ul>	

### **Crop Inspection**

Oat crops must be inspected between heading and maturity.

# **Crop Standards**

#### Isolation

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

- 1. Varietal Purity
  - a. Inspected pedigreed Oat of same variety
  - b. Different varieties of Oat or non-pedigreed Oat
- 2. Mechanical Purity
  - a. Barley, Durum, Rye, Triticale, Wheat

#### **Maximum Impurity Standards**

- 1. Varietal Purity (off-types/other varieties on average in 10,000 plants)
  - a. Foundation -1
  - b. Registered 3
  - c. Certified 8

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Distance

- 1 meter (3 feet) 3 meters (10 feet)
- Distance
- 2 meters (6 feet)

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2. Mechanical Purity (other crop kinds, the seeds of which are difficult to separate from the seeds of the inspected crop, on average in 10,000 plants)

Other Kind	Foundation	Registered	Certified
Barley	1	1	2
Durum	2	2	4
Rye	1	1	3
Triticale	4	4	8
Wheat	4	4	8