Canadian Regulations and Procedures for Pedigreed Seed Crop Production (Circular 6) Rev. February 1, 2024 Section 12

Soybean - Select Plot Production

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 Soybean.

Land Requirements

Inspected Crop	Must NOT be grown on land which:
Select	 In the previous year produced: a non-pedigreed crop of Soybean. a crop of a different variety of Soybean. a Foundation, Registered or Certified crop of Soybean.

Crop Inspection

Soybean plots must be inspected at maturity when at least 90% of the plants have dropped all their leaves and the mature plants have distinguishing pod, pubescence and hilum colour characteristics.

Crop Standards

Isolation

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

1.	Varietal Purity	Distance	
	 a. Inspected pedigreed Soybean of same variety b. Different varieties of Soybean or non-pedigreed Soybean c. Inspected pedigreed Soybean of same variety contaminated with off-types or other varieties of Soybean 	3 meters (10 feet) 10 meters (33 feet) 10 meters (33 feet)	
2.	Mechanical Purity	Distance	
	a. Bean, Chickpea, Fababean, Lentil, Lupin, Pea	3 meters (10 feet)	
M	aximum Impurity Standards		
1	Varietal Purity (off-types/other varieties on average in 20,000 plants)		

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a. Select - 10

- 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 Soybean that includes Bean, Chickpea, Lupin and Pea)
 - a. Select 1