

Corn – Foundation, Registered and Certified Production

The requirements shown here are specifically for Foundation, Registered and Certified production of Open-pollinated Corn. **Hybrid Corn** is not included and can be found under its own heading.

General Requirements for All Pedigreed Seed Crops

The basic standards for all crops are set out in [General Requirements for All Pedigreed Seed Crops](#). In addition, the following standards apply to Corn.

Classes and Generations

Breeder: no generation limit.

Foundation: one generation.

Registered: one generation.

Certified: one generation.

Seed Requirements

Breeder seed must be planted to produce Foundation crops. Breeder, Foundation or Registered seed must be used to plant Certified crops.

Land Requirements

There are no requirements as to previous land use, except the “Corn after Corn” inspection requirement described below.

Crop Inspection

1. A field inspection must be made at the time the silks are receptive to determine whether isolation has been provided in accordance with the regulations and whether there are any detectable off-type plants.
2. A crop or a portion of a crop may be eligible for pedigreed status but the rejected parts of the crop must be removed and confirmed by a licensed seed crop inspector.
3. When Corn is planted on land that produced a Corn crop in the previous or current year, an inspection must be made to determine freedom of the seed crop from plants which have volunteered from the previous crop.

Crop Standards

Isolation

1. Open-pollinated Corn must be isolated by a minimum of 200 meters (656 feet) from any contaminating Corn. This isolation distance may be modified by designating certain rows of the same variety for pollen-shedding purposes only.
2. The table below indicates the relationship of the size of the field, distance from contaminating pollen source and the required number of border rows in order to provide isolation for the seed crop.
3. Rows that function to provide isolation shall not be harvested for pedigreed seed and their removal shall be confirmed by a licensed seed crop inspector.
4. Three meters (10 feet) isolation is required between different pedigreed classes of the same variety.

Distance separating seed crop from contaminating Corn	Number of Border Rows to be provided when total acres of field unit for seed crop inspection is:	
	Less than 20 acres	20 acres or more
Less than 90 ft (27.5 m)	24 ¹	16 ²
³ ≥ 90 ft (27.5 m)	18	14
≥ 150 ft (45.7 m)	16	12
≥ 210 ft (64.0 m)	14	10
≥ 270 ft (82.3 m)	12	8
≥ 330 ft (100.6 m)	10	6
≥ 410 ft (125.0 m)	8	4
≥ 490 ft (149.4 m)	6	2
≥ 570 ft (173.7 m)	4	1
≥ 660 ft (201.2 m)	0	0
¹ Minimum of 60 ft (18.3 m) including border rows. ² Minimum of 40 ft (12.2 m) including border rows. ³ ≥ means greater than or equal to		

Maximum Impurity Standards

There shall not be more than 1/20 of 1 per cent (0.05% or 1 plant in 2,000) detectable admixture with plants of other varieties or off-type plants in the variety being inspected.