

Phacelia – Foundation, Registered and Certified Production

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 Phacelia.

Land Requirements*

Inspected Crop	Must NOT be grown on land which:
Foundation	In any of the 5 years prior to the year of seeding produced: <ul style="list-style-type: none">• a non-pedigreed crop of Phacelia.• a different variety of Phacelia. In any of the 3 years prior to the year of seeding produced: <ul style="list-style-type: none">• a pedigreed crop of the same variety.
Registered	In any of the 3 years prior to the year of seeding produced: <ul style="list-style-type: none">• a crop of Phacelia
Certified	In any of the 2 years prior to the year of seeding produced: <ul style="list-style-type: none">• a crop of Phacelia.

*Except where chemical control measures acceptable to the CSGA have been taken to eradicate growth from a previous crop of Phacelia.

Crop Inspection

Phacelia crops must be inspected when the crop is in bloom and before harvest.

Age of Stand

The maximum number of years pedigreed seed can be produced from a stand of Phacelia established with Breeder or Foundation seed is outlined below. The class that can be produced from a stand varies with the class used to establish the crop, the classes of seed through which a given variety may be multiplied and the number of years the stand has been in production.

When crop is established with:										
Breeder seed of a variety without a Registered class			Breeder seed of a variety with a Registered class			Foundation seed of a variety without a Registered class*		Foundation seed of a variety with a Registered class		
Foundation	Certified		Foundation	Registered		Certified		Registered	Certified	
1 yr.	+	0	1 yr.	+	0	1 yr.		1 yr.	+	0.

*Or when crop is established with Registered seed of a variety with a Registered class.

Crop Standards

Isolation

The isolation must be reasonably free from plants that may cross pollinate with the inspected crop. The risk to varietal purity posed by plants that may cross pollinate varies depending on area, density, stage of maturity and distance from the inspected crop. These factors will be taken into consideration in determining the pedigreed status of the inspected crop.

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

1. Varietal Purity

- a. Inspected pedigreed Phacelia of same variety and class
- b. Inspected pedigreed Phacelia of same variety, different class
- c. Different varieties of Phacelia or non-pedigreed Phacelia

Distance

- 1 meter (3 feet)
3 meters (10 feet)
Isolation table below

Area of Inspected Crop	Minimum Isolation Distance		
	Foundation	Registered	Certified
5 acres or less	300 m (984 ft)	150 m (492 ft)	50 m (164 ft)
More than 5 acres	200 m (656 ft)	100 m (328 ft)	50 m (164 ft)

Maximum Impurity Standards

1. Varietal Purity (on average in either 10 or 100 m²)

- a. Off-types/other varieties of the same crop kind
 - i. Foundation – 3 plants/100 m²
 - ii. Registered – 1 plant/10 m²
 - iii. Certified – 1 plant/10 m²