

# Birdsfoot Trefoil - 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 Birdsfoot Trefoil.

## Land Requirements\*

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

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

## Crop Inspection

Birdsfoot Trefoil 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 Birdsfoot Trefoil 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	
4 yrs.	+ no limit*	4 yrs.	+ no limit*	no limit*	4 yrs.	+ no limit*	

\* When stands have been established for 5 years, and at each 5 year interval thereafter, a 100 gram sample of the Birdsfoot Trefoil seed crop produced in that year must be submitted for a variety verification test.

## 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:

- |   |                    |
|---|--------------------|
| <b>1. Varietal Purity</b>   | <b>Distance</b>    |
| a. Inspected pedigreed Birdsfoot Trefoil of same variety and class                | 1 meter (3 feet)   |
| b. Inspected pedigreed Birdsfoot Trefoil of same variety, different class         | 3 meters (10 feet) |
| c. Different varieties of Birdstoot Trefoil or non-pedigreed<br>Birdsfoot Trefoil | 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)

- |  |                    |
|--|--------------------|
| <b>2. Mechanical Purity</b>                  | <b>Distance</b>    |
| a. Alsike Clover, Black Medick, White Clover | 3 meters (10 feet) |

### Maximum Impurity Standards

1. **Varietal Purity** (off-types/other varieties on average in either 10 or 100 m<sup>2</sup>)
  - a. Foundation – 3 plants/100 m<sup>2</sup>
  - b. Registered – 1 plant/10 m<sup>2</sup>
  - c. Certified – 1 plant/10 m<sup>2</sup>
  
2. **Mechanical Purity** (other crop kinds, the seeds of which are difficult to separate from the seeds of the inspected crop on average in either 10 or 100 m<sup>2</sup>; for Birdsfoot Trefoil that includes Alsike Clover, Black Medick and White Clover)
  - a. Foundation – 3 plants/100 m<sup>2</sup>
  - b. Registered – 1 plant/10 m<sup>2</sup>
  - c. Certified – 1 plant/10 m<sup>2</sup>