

## Hemp (Dioecious) – Registered and Certified Production

**Dioecious type Industrial Hemp** includes varieties with male and female flowers on separate plants.

**Monoecious type Industrial Hemp** (with male and female flowers on the same plant) is not included and can be found under its own heading.

**Feminized Hemp Seed** varieties (which produce only female plants) 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 Dioecious type Industrial Hemp.

## Land Requirements

| Inspected Crop    | Must NOT be grown on land which:  |
|-------------------|---|
| <b>Registered</b> | In any of the preceding 3 years produced:<br>a crop of Industrial Hemp.   |
| <b>Certified</b>  | In the preceding year produced:<br>a pedigreed crop of the same variety.<br>In either of the preceding 2 years produced:<br>a non-pedigreed crop of Industrial Hemp.<br>a crop of a different variety of Industrial Hemp. |

## Crop Inspection

Dioecious type crops must be inspected after flowering when male plants are beginning to senesce.

## Crop Standards

### Isolation\*

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

| 1. Varietal Purity – Registered  | Distance                            |
|--|-------------------------------------|
| a. Seed crop of same variety that meets Registered standards for varietal purity       | 1 meter (3 feet)                    |
| b. Seed crop of same variety that meets Certified standards for varietal purity (feet) | 1600 meters ( <del>5249</del> 3230) |
| c. Different varieties of Industrial Hemp or non-pedigreed Industrial Hemp             | 4800 meters (15,748 feet)           |

## 2. Varietal Purity – Certified

### Distance

- |   |                        |
|---|------------------------|
| a. Seed crop of same variety that meets Certified standards for varietal purity                   | 1 meter (3 feet)       |
| b. Planted with pedigreed seed of same variety that meets Certified standards for varietal purity | 200 meters (656 feet)  |
| c. Different varieties of Industrial Hemp or non-pedigreed Industrial Hemp                        | 800 meters (2624 feet) |

\* There must not be any Industrial Hemp plants within 100 m of the crop and not more than 10 plants/ha beyond 100 m.

## Weeds

1. The presence of Broomrape (*Orobanche* spp.) in Industrial Hemp crops is cause for declining pedigreed status.

## Maximum Impurity Standards

1. **Varietal Purity** (off-types/other varieties on average in 10,000 plants)
  - a. Registered – 10
  - b. Certified – 20

## Hemp (Monoecious) – Registered and Certified Production

**Monoecious type Industrial Hemp** includes varieties with male and female flowers on the same plant.

**Dioecious type Industrial Hemp** (with male and female flowers on separate plants) is not included and can be found under its own heading.

**Feminized Hemp Seed** varieties (which produce only female plants) 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 Monoecious type Industrial Hemp.

## Land Requirements

| Inspected Crop    | Must NOT be grown on land which:  |
|-------------------|---|
| <b>Registered</b> | In any of the preceding 3 years produced:<br>a crop of Industrial Hemp.   |
| <b>Certified</b>  | In the preceding year produced:<br>a pedigreed crop of the same variety.<br>In either of the preceding 2 years produced:<br>a non-pedigreed crop of Industrial Hemp.<br>a crop of a different variety of Industrial Hemp. |

## Crop Inspection

Monoecious type crops must have two inspections, one just before or at early flowering and one when seeds are well forming.

## Crop Standards

### Isolation\*

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

| 1. Varietal Purity – Registered   | Distance                           |
|---|------------------------------------|
| a. Seed crop of same variety that meets Registered standards for varietal purity  | 1 meter (3 feet)                   |
| b. Seed crop of same variety that meets Certified standards for varietal purity   | 1000 meters (3230 feet)            |
| <del>c. Different varieties of the same type of Industrial Hemp (Monoecious or female hybrid)</del>                     | <del>2000 meters (6460 feet)</del> |
| <del>d-c.</del> <u>Dioecious variety</u> <u>Different varieties</u> of Industrial Hemp or non-pedigreed Industrial Hemp | 4800 meters (15,748 feet)          |

## 2. Varietal Purity – Certified

### Distance

- |   |   |
|---|---|
| a. Seed crop of same variety that meets Certified standards for varietal purity                     | 1 meter (3 feet)                        |
| b. Planted with pedigreed seed of same variety that meets Certified standards for varietal purity   | 200 meters (656 feet)                   |
| <del>c. Different varieties of the same type of Industrial Hemp (Monoecious or female hybrid)</del> | <del>200 meters (656 feet)</del>        |
| <del>d. Different varieties of Industrial Hemp or non-pedigreed Industrial Hemp</del>               | <del>81000 meters (26243230 feet)</del> |

\* There must not be any Industrial Hemp plants within 100 m of the crop and not more than 10 plants/ha beyond 100 m.

## Weeds

1. The presence of Broomrape (*Orobanche* spp.) in Industrial Hemp crops is cause for declining pedigreed status.

## Maximum Impurity Standards

1. **Varietal Purity** (off-types/other varieties on average in 10,000 plants)
  - a. Registered – 10
  - b. Certified – 20
2. **Varietal Purity** (Dioecious male plants shedding pollen on average in 10,000 plants)
  - a. Registered – 2
  - b. Certified – 100

## Hemp (Dioecious) – Foundation Plot Production

**Dioecious type Industrial Hemp** includes varieties with male and female flowers on separate plants.

**Monoecious type Industrial Hemp** (with male and female flowers on the same plant) is not included and can be found under its own heading.

## General Requirements for All Pedigreed Seed Crops and Plots

The basic standards for all crops are set out in [General Requirements for All Pedigreed Seed Crops](#). The basic standards for all plots are set out in [General Requirements for Plot Production](#). In addition, the following standards apply to Dioecious type Industrial Hemp.

## Land Requirements

| Inspected Crop | Must NOT be grown on land which:  |
|----------------|---|
| Foundation     | In any of the preceding 3 years produced:<br>a crop of Industrial Hemp. |

## Crop Inspection

For Dioecious type plots the first inspection must be made after flowering when male plants are beginning to senesce and the second inspection must be made when seeds are well forming.

## Crop Standards

### Isolation\*

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

| 1. Varietal Purity   | Distance                  |
|--|---------------------------|
| a. Plot of same variety  | 3 meters (10 feet)        |
| b. Lower pedigreed class seed crop of same variety                         | 2000 meters (6460 feet)   |
| c. Different varieties of Industrial Hemp or non-pedigreed Industrial Hemp | 4800 meters (15,748 feet) |

\* There must not be any Industrial Hemp plants within 100 m of the crop and not more than 10 plants/ha beyond 100 m.

### Weeds

- The presence of Broomrape (*Orobanche* spp.) in an Industrial Hemp plot is cause for declining pedigreed status.

### Maximum Impurity Standards

- Varietal Purity** (off-types/other varieties on average in 10,000 plants)
  - Foundation – 3

## Hemp (Monoecious) – Foundation Plot Production

**Monoecious type Industrial Hemp** includes varieties with male and female flowers on the same plant.

**Dioecious type Industrial Hemp** (with male and female flowers on separate plants) is not included and can be found under its own heading.

## General Requirements for All Pedigreed Seed Crops and Plots

The basic standards for all crops are set out in [General Requirements for All Pedigreed Seed Crops](#). The basic standards for all plots are set out in [General Requirements for Plot Production](#). In addition, the following standards apply to Monoecious type Industrial Hemp.

## Land Requirements

| Inspected Crop    | Must NOT be grown on land which:  |
|-------------------|---|
| <b>Foundation</b> | In any of the preceding 3 years produced:<br>a crop of Industrial Hemp. |

## Crop Inspection

For Monoecious type plots the first inspection must be made just before or at early flowering and the second inspection must be made when seeds are well forming.

## Crop Standards

### Isolation\*

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

| 1. Varietal Purity  | Distance   |
|---|--|
| a. Plot of same variety   | <del>35</del> meters ( <del>106</del> feet)          |
| b. Lower pedigreed class seed crop of same variety  | <del>23000</del> meters ( <del>9690-6460</del> feet) |
| <del>c. Other monoecious varieties</del>  | <del>3000 meters (9690 feet)</del>                   |
| <del>c. Dioecious variety</del> Different varieties of Industrial Hemp or non-pedigreed Industrial Hemp | <del>4800 meters (15,748 feet)</del>                 |
|   | <del>Industrial Hemp</del>                           |

\* There must not be any Industrial Hemp plants within 100 m of the crop and not more than 10 plants/ha beyond 100 m.

### Weeds

- The presence of Broomrape (*Orobanch* spp.) in an Industrial Hemp plot is cause for declining pedigreed status.

### Maximum Impurity Standards

- Varietal Purity** (off-types/other varieties on average in 10,000 plants)

a. Foundation – 3

2. **Varietal Purity** (Dioecious male plants shedding pollen on average in 10,000 plants)

a. Foundation – 1