

General Requirements for Plot Production

General requirements that are applicable to all pedigreed seed crops can be found in the “General Requirements for All Pedigreed Seed Crops” section of Circular 6. Requirements for land use and crop inspection and individual crop standards for each crop kind can be found in the crop specific sections. In addition, the following general requirements apply to plot production.

1. Parent Seed Source for Select and Foundation Plots

1.1 Barley, Bean, Buckwheat, Canary seed, Chickpea, Durum, Fababean, Flax, Lentil, Lupin, Oat, Pea, Rye, Soybean, Triticale, Wheat

- (1) Plots for Select status must be planted with Breeder seed approved by the CSGA or Select seed. OECD Pre-Basic may be eligible for Select plot production. Growers should confirm eligibility with CSGA in advance.
- (2) Select Bean plots must be planted with Breeder seed approved by the CSGA unless otherwise specified by the Breeder, to reduce the risk of seedborne disease transmission.
- (3) Select seed obtained from another Plot Grower may be used for the production of a Select plot provided that it is transferred in compliance with CSGA requirements. The total number of generations from Breeder seed permitted remains the same.
- (4) Normally five generations of Select plot production from Breeder seed are permitted. Beans are limited to one generation. The number of generations may be increased with permission of CSGA.
- (5) Accredited Plot Growers producing Select seed must obtain new Breeder seed or Select seed if the plot is demoted or declined for any reason other than excess acreage.
- (6) Breeder seed is obtained directly from the organization responsible for the distribution of the variety.

1.2 Canola, Carinata, Mustard, Radish, Rapeseed

- (1) Plots for Foundation status must be planted with Breeder seed approved by the CSGA. OECD Pre-Basic may be eligible for Foundation plot production. Growers should confirm eligibility with CSGA in advance.
- (2) Breeder seed is obtained directly from the organization responsible for the distribution of the variety.

1.3 Industrial Hemp

- (1) Plots for Foundation status must be planted with Breeder seed approved by the CSGA of a variety on Health Canada’s List of Approved Cultivars. OECD Pre-Basic may be eligible for Foundation plot production. Growers should confirm eligibility with CSGA in advance.
- (2) Breeder seed is obtained directly from the organization responsible for the distribution of the variety.

2. Area of Select and Foundation Plots

- (1) There is no limit on total acreage of plots, number of crop kinds, number of varieties or acreage of one variety. Each plot is limited to 1 hectare (2.5 acres) in size.
- (2) When unforeseen circumstances do not permit proper maintenance of the entire plot, it is recommended that the area be reduced by destroying part of the plot or by isolating a part to meet the requirements of a lower status pedigreed seed. The remainder of the plot must meet the requirements of plot production.
- (3) The area of the plot includes “walkways” provided within the plot to facilitate effective roguing.

3. Isolation for Select Plots

- (1) Except for Bean plots for which this is not permitted, a 1 meter (3 feet) isolation strip is required between plots of the same variety and between plots and the adjacent pedigreed seed crops providing that the adjacent seed crops were planted:
 - (a) with the same seed;
 - (b) on land with the same previous land use history.
- (2) The isolation strip must not be a source of contamination.
- (3) Plots of Barley, Buckwheat, Camelina, Canary seed, Durum, Fenugreek, Flax, Oat, Rye, Triticale and Wheat need not be isolated from crops of Bean, Chickpea, Fababean, Lentil, Lupin, Pea and Soybean.

- (4) Staking of a plot perimeter is permitted, except for Bean plots, in lieu of the 1 meter (3 feet) isolation strip if it meets CSGA requirements for plot staking, which include the following:
 - (a) Stake locations must be clearly identified on map(s) provided to crop inspectors;
 - (b) Staking must include at least 8 stakes that are clearly visible and clearly define the perimeter of the plot at the time of inspection;
 - (c) Impurities reported within a plot's isolation distance are considered within the plot for CSGA appraisal purposes.

4. Specific Requirements for Select and Foundation Plots

- (1) Any means of processing or conditioning of seed from a plot which may contaminate the varietal purity of the seed is prohibited.
- (2) A *Report of Plot Production* (Form 50) for each variety must be completed and submitted to the CSGA prior to issuance of the crop certificate.
- (3) A sample of clean seed from plots of each variety, one sample per crop certificate, must be submitted for variety verification. The sample must be representative of the seed harvested from the plot/s.