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**SECTION 14.6**

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**FOUNDATION AND CERTIFIED PRODUCTION OF  
HYBRID PEARL MILLET**

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In this Section:

- **Hybrid Pearl Millet** includes all varieties of hybrid Pearl Millet (*Pennisetum glaucum*).
- **Pearl Millet** includes all Pearl Millet (*Pennisetum glaucum*) but excludes all Self-Pollinated and all Cross-Pollinated Millet (*Panicum miliaceum*).

Regulations for production of Cross-Pollinated Millet (*Pennisetum glaucum*) are in Section 14.1.  
Regulations for production of Self-Pollinated Millet (*Pennisetum glaucum*) are in Section 14.6.

Section 1, *Regulations for All Pedigreed Seed Crops*, together with the following, constitute the production regulations.

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**14.6.1 SEED CLASSES AND GENERATIONS**

- 14.6.1.1 The number of official pedigreed classes is determined by the Breeder of the variety and Foundation parental material is normally planted to produce Certified hybrid crops.
- 14.6.1.2 Foundation seed: limited to one generation.
- 14.2.1.3 Certified seed: limited to one generation.

**14.6.2 LAND REQUIREMENTS**

- 14.6.2.1 Hybrid Pearl Millet crops must not be grown on land which in the previous year grew a non-pedigreed crop of Pearl Millet or a different variety of Pearl Millet.

**14.6.3 CROP INSPECTION**

The basic standards for all crops are set out in Section 1.7. In addition, the following apply to crops in this section:

- 14.6.3.1 It is the grower's responsibility to ensure that crops are inspected by an authorized inspector prior to swathing or harvesting.
- 14.6.3.2 A crop that is cut, swathed or harvested prior to crop inspection is not eligible for pedigree.
- 14.6.3.3 The crop must be inspected at a stage of growth when varietal purity is best determined. Crops not inspected at the proper stage for best determining varietal purity may be cause for declining pedigreed status.
- 14.6.3.4 A field inspection should be made during the bloom stage after 50 percent of the plants are showing one or more blossoms.

## 14.6.4 CROP STANDARDS

### 14.6.4.1 **Isolation**

- a) Hybrid Pearl Millet crops for Foundation or Registered status must be isolated by a distance of 400 meters (1312 feet) from other varieties of Pearl Millet or from a non-pedigreed crop of Pearl Millet.
- b) Hybrid Pearl Millet crops for Certified status must be isolated by a distance of 200 meters (656 feet) from other varieties of Pearl Millet or from a non-pedigreed crop of Pearl Millet.
- c) Isolation between Millets of a different genus shall be 2 meters (6 feet).
- d) The required isolation must be provided prior to the time of flowering and crop inspection.

### 14.6.4.2 **Weeds**

- a) All crops for pedigree must be free of Prohibited noxious weeds.
- b) Very weedy crops may be declined pedigree status.

### 14.6.4.3 **Maximum Impurity Standards**

The maximum impurity levels outlined in Table 14.6.4.3 apply, unless variants are specified by the responsible Breeder.

**Table 14.6.4.3: Maximum Impurity Standards**

Impurity	Maximum Permitted At Any One Crop Inspection	
	Foundation	Certified
Other varieties of Pearl Millet		
Definite	1 per 50,000 plants	1 per 20,000 plants
Doubtful	1 per 20,000 plants	1 per 1,000 plants

## 14.6.5 SPECIFIC REQUIREMENTS

### 14.6.5.1 **Flowering**

At any one crop inspection, the maximum pollen shedding permitted by seed (female) parent plants is 1 per 3,000 plants for Foundation crops and 1 per 1,500 plants for Certified hybrid crops.