

The South African Seed Certification Scheme

ANNEXURE 15

REQUIREMENTS RELATING TO PAPRIKA, PEPPER & CHILLI (*Capsicum* spp.)

1 Field requirements

- 1.1 Subject to the provisions of paragraph 1.2, a field may be registered as a unit only if no plants of any *Capsicum* spp. have been established thereon for seed production or otherwise during the growing season preceding the registration thereof.
- 1.2 A field which is intended for the production of basic seed or certified seed of a particular pepper variety may also be registered as a unit, if -
 - 1.2.1 in the case of basic seed, certified pre-basic seed of the same variety has been produced thereon during the preceding growing season; and
 - 1.2.2 in the case of certified seed, certified pre-basic seed or basic seed of the same variety has been produced thereon during the preceding growing season.
- 1.3 in the case of the intended production of an open-pollinated variety of 2nd generation certified seed, they have been established from 1st generation certified seed of the same variety.

2 Planting requirements

- 2.1 Plants shall be established in rows on a unit.
- 2.2 Gap-filling in rows shall not be permissible.

3 Isolation requirements

- 3.1 A unit shall be surrounded by an isolation area which -
 - 3.1.1 in the case of the intended production of certified pre-basic seed or basic seed, is at least 100 metres wide; and
 - 3.1.2 in the case of the intended production of certified seed, is at least 10 metres wide.
- 3.2 Such isolation area shall be free from plants of any *Capsicum* spp.

4 Requirements for plants

- 4.1 The number of deviating plants on a unit shall -
 - 4.1.1 in the case of the intended production of certified pre-basic seed or basic seed, not exceed 0,2 percent; and
 - 4.1.2 in the case of the intended production of certified seed, not exceed 0,5 percent.
- 4.2 A unit on which plants of a sweet pepper variety are established shall be free from plants of hot pepper varieties, and *vice versa*.
- 4.3 The number of plants on a unit contaminated with the pathogen *Corynebacterium michiganense* Smith, Jensen, shall -
 - 4.3.1 in the case of the intended production of certified pre-basic seed or basic seed, not exceed 2,0 percent; and
 - 4.3.2 in the case of the intended production of certified seed, not exceed 5,0 percent.
- 4.4 The number of plants on a unit infected with tobacco mosaic virus shall -
 - 4.4.1 in the case of the intended production of certified pre-basic seed or basic seed, not exceed 5,0 percent; and
 - 4.4.2 in the case of the intended production of certified seed, not exceed 10,0 percent.
- 4.5 The number of plants on a unit infected with the pathogen *Xanthomonas vesicatoria* (Doidge) Dow, shall -
 - 4.5.1 in the case of the intended production of certified pre-basic seed or basic seed, not exceed 5,0 percent; and
 - 4.5.2 in the case of the intended production of certified seed, not exceed 10,0 percent.

5 Inspection requirements

- 5.1 Plants which are established on a unit shall be inspected
 - 5.1.1 during the seedling stage thereof;
 - 5.1.2 during the flowering stage of the plants thereof; and
 - 5.1.3 during the full ripe stage of the fruit thereof.
- 5.2 No fruit may be harvested before the inspection referred to in paragraph 5.1 has been carried out.

6 Physical requirements

- Seed shall -
- 6.1 have a germination percentage of at least 75;
 - 6.2 have at least 98,0 percent pure seed; and

6.3 not contain more than -

6.3.1 0,1 percent other seed; and

6.3.2 2,0 percent other material.

6.3.3 Notwithstanding the provisions of paragraph 6.3.1, not more than one seed of any of the restricted weed seed species may occur in an ISTA working sample for the determination of other seed by number of the specie being tested.