

The South African Seed Certification Scheme

ANNEXURE 2

REQUIREMENTS RELATING TO NEW BUNCHING ONION (*Allium cepa* L. x *A. fistulosum* L.)

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 *Allium* spp. have been established thereon for seed production or otherwise during the growing season preceding the registration thereof.
- 1.2 Plants established on a unit registered for the production of certified basic seed or of certified seed, may, after the establishment thereof, be used for such purpose for a period of not more than three years, provided the unit concerned is registered annually for the production of certified basic seed or certified seed, as the case may be.

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

- A unit shall be surrounded by an isolation area which -
- 3.1 in the case of all generations of an open pollinated variety of new bunching onion and any other *Allium* spp., is at least 1 000 metre wide.

4 Requirements for plants

- The number of deviating plants on a unit shall -
- 4.1 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 If male sterility is used in the seed parent of a hybrid variety -
 - 4.2.1 The number of deviating pollen-shedding plants of the pollen parent on a unit shall -
 - 4.2.1.1 in the case of the intended production of certified pre-basic seed or basic seed, not exceed 0,2 percent of the plants of the pollen parent at the stage at which 2,0 percent or more of the plants of the seed parent have pollen-susceptible flowers; and
 - 4.2.1.2 In the case of the intended production of certified seed, not exceed 0,5 percent of the plant of the pollen parent at the stage at which 5 percent or more of the plants of the seed parent have pollen-susceptible flowers.
 - 4.2.2 the number of deviating plants of the seed parent on a unit shall -
 - 4.2.2.1 in the case of the intended production of certified pre-basic seed or basic seed, not exceed 0,5 percent of the plants of the seed parent; and
 - 4.2.2.2 in the case of the intended production of certified seed, not exceed 1,0 percent of the plants of the seed parent; and
 - 4.2.3 the number of pollen-shedding plants of the seed parent on a unit shall -
 - 4.2.3.1 in the case of the intended production of certified pre-basic seed or basic seed, not exceed 0,5 percent of the plants of the seed parent; and
 - 4.2.3.2 in the case of the intended production of certified seed, not exceed 2,0 percent of the plants of the seed parent.

5 Inspection requirements

- 5.1 Seedlings shall be inspected before they are established on a unit.
- 5.2 Plants which are established on a unit from such seedlings shall be inspected during -
 - 5.2.1 before the flowering stage thereof;
 - 5.2.2 during the flowering stage thereof; and
 - 5.2.3 during the full seed stage thereof.

6 Physical requirements

- Seed shall -
- 6.1 have a germination percentage of at least 80;
 - 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.