

The South African Seed Certification Scheme

ANNEXURE 27

REQUIREMENTS RELATING TO FINGER MILLET [*Eleusine corocana* (L.) Gaertn.]

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 species of *Eleusine* 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 finger millet 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; and
 - 1.2.3 in the case of 2nd generation certified seed, 1st generation certified seed of the same variety has been produced thereon during the preceding growing season.

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 is at least five metres wide.
- 3.2 Such isolation area shall be free from plants of any finger millet variety or species of *Eleusine* which flower at the same time as the plants on the unit concerned.

4 Requirements for plants

- 4.1 Subject to the provisions of paragraph 4.2, 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.

5 Inspection requirements

- 5.1 Plants which are established on a unit shall be inspected -
 - 5.1.1 before the flowering stage thereof;
 - 5.1.2 during the flowering stage thereof; and
 - 5.1.3 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 97,0 percent pure seed; and
 - 6.3 not contain more than -
 - 6.3.1 0,1 percent other seed; and
 - 6.3.2 3,0 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.