

# The South African Seed Certification Scheme

## ANNEXURE 14

### REQUIREMENTS RELATING TO PIGEON PEA [*Cajanus cajan* (L.) Millsp.]

#### 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 pigeon pea variety 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 certified basic seed or certified seed of a particular pigeon pea 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

Plants shall be established in rows on a unit.

#### 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 400 metres wide;
  - 3.1.2 in the case of the intended production of certified seed, is at least 200 metres wide; and
- 3.2 Such isolation area shall be free from plants of any pigeon pea variety.

#### 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.

#### 5 Inspection requirements

- Plants which are established on a unit shall be inspected -
- 5.1 before the flowering stage thereof;
  - 5.2 during the flowering to pod stage thereof; and
  - 5.3 during the full pod stage thereof.

#### 6 Physical requirements

- Seed shall -
- 6.1 have a germination percentage of at least 70;
  - 6.2 have at least 98,0 percent pure seed; and
  - 6.3 not contain more than -
    - 6.3.1 0,05 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.
  - 6.4 Not contain more than 0,2 percent sclerotia of *Sclerotinia sclerotiorum* in a 1000 gram sample.