

The South African Seed Certification Scheme

ANNEXURE 68

REQUIREMENTS RELATING TO COWPEA, DOLICHOS & LAB-LAB BEAN [*Vigna unguiculata* (L.) Walpers]; *Dolichos biflorus* L. & *Lablab purpureus* (L.) Sweet]

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 cowpea, dolichos or lab-lab bean 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 basic seed or certified seed of a particular cowpea, dolichos or lab-lab bean 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 is at least 20 metres wide.
- 3.2 Such isolation area shall be free from plants of any cowpea, dolichos or lab-lab bean variety as the case may be.

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 The number of disease-infected plants on a unit shall -
 - 4.2.1 in the case of the intended production of certified pre-basic seed or basic seed, not exceed 5,0 percent; and
 - 4.2.2 in the case of the intended production of certified seed, not exceed 8,0 percent.
- 4.3 For the purposes of paragraph 4.2 "disease-infected plants" shall mean plants which are not visually free from the pathogens *Pseudomonas syringae* or *Xanthomonas vignicola* Barkholder.

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 seed 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; and
- 6.4 not contain more than 0,2 percent sclerotia of *Sclerotinia sclerotiorum* in a 1000 gram sample.