

The South African Seed Certification Scheme

ANNEXURE 53

REQUIREMENTS RELATING TO PEAS (DRY PEA & GARDEN PEA) (*Pisum sativum* L. *sensu lato*)

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 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 basic seed or certified seed of a particular 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.
- 1.3 Subject to the provisions of paragraph 1.4, a field may be registered as a unit for the production of disease-free seed only if no plants of a pea variety or species of *Pisum* -
 - 1.3.1 In the case of an intended production of pre-basic and basic seed during the two years; and
 - 1.3.2 in the case of the intended production of certified seed, during the growing season that preceded the registration, have been established thereon for seed production or otherwise.

2 Planting requirements

Plants may be sown or 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 5 metres wide.
- 3.2 Such isolation area shall be free from plants of any pea variety.

4 Requirements for plants

- Subject to the provisions of paragraphs 4.2 and 4.3, 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 pea variety with white flowers have been established, shall not contain any plants with red flowers.
 - 4.3 The number of plants on a unit which shows "rabbit ear" characteristics, shall not exceed 1,0 percent.
 - 4.4 A unit shall be visually free from plants of which the pods are infected with the pathogen *Pseudomonas pisi* Sackett.

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 seed of deviating plants; and
 - 6.5 be visually free from sclerotia of *Sclerotinia sclerotiorum*; or be treated with a chemical remedy registered for this purpose.