

The South African Seed Certification Scheme

ANNEXURE 47

REQUIREMENTS RELATING TO YELLOW SERRADELLA & FRENCH SERRADELLA [(*Ornithopus compressus* L.) & (*Ornithopus sativus* Brot.)]

1 Field requirements

- 1.1 Subject to the provisions of paragraph 1.2, a field may be registered as a unit only if -
 - 1.1.1 no plants of any species of *Ornithopus* have been established thereon for seed production or otherwise during the three growing seasons preceding the registration thereof; or
 - 1.1.2 the plants which are already established thereon, have also during the preceding growing season been used for the production of certified pre-basic seed or basic seed or certified seed, as the case may be.
- 1.2 A field which is intended for the production of basic seed or certified seed of a particular serradella 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 Seed may be sown or be established in rows on a unit.
- 2.2 Gap filling shall not be permissible.
- 2.3 In the case of hard-seeded varieties an uncultivated strip of three meters wide must be maintained during the first year of production.

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 200 metres wide; and
 - 3.1.2 in the case of the intended production of certified seed is at least 100 metres wide.
- 3.2 Such isolation area shall be free from plants related to serradella.

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 one plant per 30 square metres; and
 - 4.1.2 in the case of the intended production of certified seed, not exceed one plant per 10 square metres.
- 4.2 Methods for the determination of deviating plants shall be as determined by the Authority.
- 4.3 Plants established on a unit registered for the production of certified pre-basic seed or basic seed, may after the establishment thereof, be used for such purpose for a period of not more than two years.
- 4.4 After the use of plants on a unit for the production of certified pre-basic seed or basic seed, these plants can be used for the production of certified seed provided the unit has been registered for the production of certified seed.
- 4.5 Plants established on a unit for the production of certified seed -
 - 4.5.1 may be used for this purpose for a period of not more than four years; and
 - 4.5.2 may, with the written approval from the Authority, be used for the purpose for a further period of two years.

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.
- 5.2 The seed grower concerned shall notify the authorised person at least 10 days prior to the date on which the plants are expected to start flowering.

6 Physical requirements

Seed shall -

- 6.1 have a germination percentage of at least 70, hard seeds included;
- 6.2 have at least 98,0 percent pure seed; and
- 6.3. not contain more than –
 - 6.3.1 0,5 percent other seed, of which no more than 0,2 percent may be weed 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.