

The South African Seed Certification Scheme

ANNEXURE 42

REQUIREMENTS RELATING TO MEDICS (Strand, Burr, Gama, Snail & Barrel Medic)

[*Medicago littoralis* Rohde ex Loisel; *M. polymorpha* L. var. *brevispina* (Benth.) Heyn.;
M. rugosa Desr.; *M. scutellata* (L.) Miller; & *M. truncatula* 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 *Medicago* -
 - 1.1.1 in the case of the intended production of certified pre-basic seed or basic seed, during the four growing seasons; and
 - 1.1.2 in the case of the intended production of certified seed, the three growing seasons, preceding the registration thereof and have been established thereon for seed production or otherwise.
- 1.2 A field which is intended for the production of seed of a particular *Medicago* variety may -
 - 1.2.1 in the case of the intended production of certified pre-basic seed or basic seed, not be registered as a unit for more than three consecutive growing seasons if breeder seed of the same variety is annually established thereon; and
 - 1.2.2 in the case of the intended production of certified seed, may also be registered for a further three seasons as a unit if certified pre-basic seed or basic seed of the same variety has been produced thereon during the preceding growing season.
 - 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 Any further registrations will only be considered with written approval from the Authority.

2 Planting requirements

- 2.1 Seeds shall be sown or be established in rows on a unit.
- 2.2 If established in rows on a unit, the area between such rows shall for a period of one year after the plants were established on a unit, be kept free from any plants.
- 2.3 All vegetation within a distance of three metres around a unit shall be kept short until seed has been harvested from the plants on the unit concerned.

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 *Medicago* spp., unless -
 - 3.2.1 in the case of the intended production of basic seed, they have been established from certified pre-basic seed of the same variety; and
 - 3.2.2 in the case of the intended production of certified seed, they have been established from certified pre-basic seed or basic seed of the same variety.
 - 3.2.3 in the case of the intended production of an open-pollinated variety of 2nd generation certified seed, they have been established from 1st generation certified seed of the same variety.

4 Requirements for plants

- 4.1 Plants which are established on a unit may only be grazed after consideration of a written request by the seed grower concerned.
- 4.2 The number of deviating 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 0,5 percent; and
 - 4.2.2 in the case of the intended production of certified seed, not exceed 2,0 percent.
- 4.3 Methods for the determination of deviating plants are as determined by the Authority.

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 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, including hard seeds;
 - 6.2 have at least 97,0 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;
- 6.3.2 3,0 percent other material; and
- 6.3.3 0,5 percent seed of deviating plants.
- 6.3.4 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.