

The South African Seed Certification Scheme

ANNEXURE 29

REQUIREMENTS RELATING TO TEFF [*Eragrostis tef* (Zuccagni) Trotter]

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 *Eragrostis* have been established thereon for seed production or otherwise during the two 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 or basic seed or certified seed, as the case may be.
- 1.2 A field which is intended for the production of seed of a *Eragrostis tef* 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 two consecutive growing seasons if certified breeder seed or certified pre-basic seed, whichever the case may be, of the same variety is annually established thereon; and
 - 1.2.2 in the case of the intended production of certified seed, not be registered as a unit for more than four consecutive growing seasons if basic seed of the same variety is annually established thereon: Provided that such field may also be registered as a unit if 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 All vegetation within a distance of three metres around a unit shall be kept short from the full seed stage thereof 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 *Eragrostis tef* variety.

4 Requirements for plants

- The number of deviating plants on a unit shall -
- 4.1 in the case of the intended production of certified pre-basic seed or basic seed, not exceed one plant per 30 square metres; and
 - 4.2 in the case of the intended production of certified seed, not exceed one plant per 15 square metres.

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.
 - 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 not more than 0,3 percent may be weed seed;
 - 6.3.2 3,0 percent other material; and
 - 6.3.3 0,2 percent nematode galls.
 - 6.4 Notwithstanding the provisions of paragraph 6.3.1 -
 - 6.4.1 the percentage seed of *Eragrostis curvula* (Schrad.) Nees in seed shall -
 - 6.4.1.1 in the case of certified pre-basic or basic seed, not exceed 0,1 percent; and
 - 6.4.1.2 in the case of certified seed, not exceed 0,2 percent; and
 - 6.4.2 the percentage seed of *E. plana* Nees in seed of all generations not exceed 0,1 percent; and
 - 6.4.3 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.