

The South African Seed Certification Scheme

ANNEXURE 55

REQUIREMENTS RELATING TO RYE (*Secale cereale* L.)

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 specie of *Secale* 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 rye 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.
 - 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 shall be sown or be established in rows on a unit.
- 2.2 The breeder shall, with regard to quality and production, determine the planting date, the production areas where the seed shall be planted and the date on which grazing shall cease.

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 500 metres wide; and
 - 3.1.2 in the case of the intended production of certified seed is at least 300 metres wide.
- 3.2 Such isolation area shall be free from plants of any rye variety which flower at the same time as the plants on the unit concerned.

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 Methods for the determination of deviating plants shall be as determined by the Authority.

5 Inspection requirements

- Plants which are established on a unit shall be inspected -
- 5.1 during the stooling 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 80;
 - 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, but not more than 0,2 percent weed seed; and
 - 6.3.2 2,0 percent other material.
 - 6.4 Notwithstanding the provisions of paragraph 6.3.1, not more than one seed of wild oats may occur in 400 g of seed, and 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.