

The South African Seed Certification Scheme

ANNEXURE 38

REQUIREMENTS RELATING TO LETTUCE (*Lactuca sativa* L.)

1 Field requirements

Any field may be registered as a unit if no lettuce-related plants were cultivated there during the preceding two growing seasons.

2 Planting requirements

- 2.1 Plants shall be established in rows on a unit.
- 2.2 Gap-filling in rows shall not be permissible.

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 100 metres wide; and
 - 3.1.2 in the case of the intended production of certified seed, is at least 50 metres wide.
- 3.2 Such isolation area shall be free from plants of any lettuce variety which flower at the same time as the plants on the unit concerned, 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; and
 - 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 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 shall be free from infected plants which are not visually free from the pathogen Lettuce Mosaic Virus.

5 Inspection requirements

- 5.1 Seedlings shall be inspected before they are planted;
- 5.2 Plants which are established on a unit from such seedlings shall be inspected –
 - 5.2.1 during the 50 percent marketable stage thereof;
 - 5.2.2 during the full marketable stage thereof; and
 - 5.2.3 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 0,1 percent other seed; and
 - 6.3.2 2,0 percent other material; and
 - 6.3.3 0,2 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.