

SEEDS (CERTIFICATION AND STANDARDS) REGULATIONS, 2018

EPISODE 11

21. Sanitation

A person who grows maize seed shall ensure that the field is reasonably clean of weeds during the growing period.

22. Standards for maize seeds

- 1) The certifying authority shall obtain a representative sample of not less than one kilogram of the seed as produced for sale, from a person who grows maize seed.
- 2) The certifying authority shall obtain a representative sample for each batch of seed, if the grower has more than one batch of seed.

23. Specific field standards for maize seeds

A field used for the growing of maize seed is to be of the standard set out in paragraph 1 of the Second Schedule.

24. Laboratory analysis for maize seeds

The laboratory analysis of maize seed shall be as set out in paragraph 1 of the Third Schedule.

EPISODE 12

Rules for certifying hybrid maize seed

25. Hybrid maize seed

The plant breeder of a hybrid maize seed is responsible for the maintenance of the inbreds of that seed each year.

26. Single cross hybrid

A seed producer shall take the inbreds and produce a certified hybrid maize seed, where a single cross-hybrid maize seed is to be produced.

27. Three way cross-hybrid

A seed producer shall produce a three-way cross-hybrid maize seed by

- a) Breeding the maize seed in a single cross-hybrid to produce the basic or foundation seed,
- b) Reproducing from the inbred of the basic or foundation seed, and
- c) Producing the hybrid certified seed.

28. Double cross hybrid

A seed producer shall produce a double cross hybrid by

- a) Making the single crosses to produce basic or foundation seed, and
- b) Producing the hybrid certified seed from single crosses.

29. Detasselling

- 1) The certifying authority shall ensure that detasselling of a line which is female is promptly executed and off-types rogued through regular visits.
- 2) The seed producer shall ensure rigid detasselling regimes of lines and roguing of off-types to effect proper nicking.

30. Hybrid seed producer

A person shall not produce a hybrid seed, unless the person

- a) Is a registered seed producer,
- b) Has trained as a hybrid seed producer
- c) Has demonstrated an ability to produce hybrid seed, to the certifying authority.

31. Inspection of a hybrid maize field

- 1) Without limiting regulations 161, the certifying authority shall conduct at least three field inspections when varietal purity can best be determined, and this shall be before tasselling, silking and after the milk stage when the leaves are still green.
- 2) The field standards and seed standards for open pollinated maize seed shall apply to hybrid maize seed for purposes of an inspection under sub regulation (1).