

# SEEDS (CERTIFICATION AND STANDARDS) REGULATIONS, 2018

## EPISODE 27

*Certifying tree and fruit crops*

*Rules for certifying mango seeds*

### **117. Grades of mango seeds**

- 1) There is established by these Regulations, two grades of mango seeds, namely:
  - a) Grade I; and
  - b) Grade II.
- 2) A person who grows mango seeds shall ensure that the seeds selected for the production of the mango seeds are sound, true-to-type, free from pests and do not show visible signs of diseases.
- 3) For purposes of sub regulation (1), a mango seed is to be graded
  - a) As a Grade I seed if the number of flushes on that mango seed are two and there are no visible signs of damage; or
  - b) As a Grade II seed if the number of flushes on that mango seed are from three to five, and with up to twenty-five percent leaf defoliation n.
- 4) The certifying authority shall, in respect of ten percent of the nursery of a certified mango seeds grower, allow twenty-five percent leaf defoliation for seeds graded as Grade II seeds.

### **118. Inspection of mango fields**

Without limiting regulation 161, the certifying authority shall conduct at least one field inspection at the time of grafting and budding or at the time of budding, but the time of sale.

### **119. Standards for the isolation of a mango field**

- 1) A person who grows mango seeds of a grade specified under regulation 114 (1) shall grow the seeds from a field which is
  - a) Clean and free of weeds and volunteer plants;
  - b) Not waterlogged; and
  - c) Free from diseases and pests.
- 2) The person shall ensure that the mango seeds are nursed at a site which is kept away from natural sources of water by a distance of at least twenty meters, to avoid pollution.
- 3) For purposes of sub regulation (2), a natural source of water includes a dam, a pond and a river.
- 4) The person shall ensure that each lot of mango seed is of the same variety and of uniform height and colour.
- 5) The person shall ensure that the mango seed grown, a tag which is legibly marked with the name of the variety and the grafting or budding date.

### **120. Labelling of mango field**

A person who grows mango seeds shall label the mango field by indicating on a sign post, particulars that include the following:

- a) The name of the crop;
- b) The name of the variety;
- c) The name and source of rootstock;
- d) The source of scion or budwood;
- e) The date of collection of scion or budwood;
- f) The date on which the crop is grafted or budded;
- g) The name of the producer and location of the nursery; and

- h) The lot identification number.

## **EPISODE 28**

### **121. Standards for mango seeds**

A person who grows mango seeds shall ensure that

- a) The samples of the mango seeds submitted by that person for inspection by the certifying authority meets the standards specified in paragraph I of the Seventh Schedule;
- b) The mango seeds are true-to-type;
- c) The mango seeds are free from pests; and
- d) Visible signs of a disease are not seen on the mango seeds.

### **122. Damaged mango seeds**

- 1) A person who grows mango seeds shall grade the seeds grown before distributing the seeds.
- 2) The person shall grade the mango seeds into the grades established under regulation 115.

### **123. Offshoots of a mango seed**

A person who grows mango seeds shall not allow offshoots from the rootstock.

### **124. Girth of rootstock of a mango seed**

- 1) A person who grows mango seed shall ensure that the girth of the rootstock just below the bud union is not less than ten millimeters.
- 2) The certifying authority shall allow a tolerance level of
  - a) Two percent of the total number of seeds inspected, for seeds graded as Grade I seeds, and the limit permitted for the tolerance shall be plus or minus two centimeters; and
  - b) Three percent of the total number of seeds inspected, for seeds graded as Grade II seeds, and the limit permitted for the tolerance shall be plus or minus two centimeters.

### **125. Height of graft union of a mango seed plant**

- 1) A person who grows mango seeds shall ensure that the height of graft union of a seed is between twenty and thirty millimeters.
- 2) Despite subregulation (1), the certifying authority shall allow a tolerance level of three percent of mango seeds inspected, for seeds graded as Grade II seeds and the tolerance level is a plus or minus two.

### **126. Number of flushes in mango seeds**

A person who grows a mango seed shall ensure that the number of flushes

- a) In a Grade I seed is two; and
- b) In a Grade II seed is not more than five.

### **127. Sterilization of potting medium for producing mango seed**

- 1) A person who grows mango seeds shall sterilize the potting medium for the seeds.
- 2) The person shall put the mango seed in an appropriate potting container.
- 3) A potting container shall not be less than nine centimeters by seventeen centimeters.

### **128. Condition of potting container**

- 1) A person who grows mango seeds shall ensure that the container used for a Grade I seed is kept intact.
- 2) The certifying authority shall allow a tolerance level of two percent of the total number of containers inspected by the certifying authority for potting containers in Grade II.