SCHEDULE 3

PHYSICAL REQUIREMENTS FOR PLANT MATERIAL

[Section 12(c)]

1. General

Plant material shall not show any signs of drying-out or physiological, chemical, hail, cold, insects or pathogen damage or serious mechanical damage.

2. Scions for grafting

2.1 Scions shall originate from plants that -

2.1.1 in the case of being utilised for green-grafting, may be less than two years old; and

2.1.2 otherwise are at least two years old.

2.2 The buds of such shoots shall be dormant and shall not show any signs of budding or swelling.

2.3 Such shoots shall be matured over the entire length thereof.

2.4 The internodal diameter of such shoots over the entire length thereof shall be between 6.5 mm and 12 mm.

[Paragraph 2 substituted by R. 227 of 19 March 2021]

3. Scions for rooting

3.1 Scions shall originate from plants that are at least two years old.

3.2 The buds of such shoots shall be dormant and shall not show any signs of budding or swelling.

3.3 Such shoots shall be at least 300 mm in length.

3.4 Such shoots shall be matured over the entire length thereof.

3.5 Such shoots shall not have any tendrils or side shoots.

3.6 Such shoots shall be straight enough to fit lengthwise between two parallel straight lines 30 mm apart.

3.7 The diameter of such shoots between the two uppermost buds shall be at least 4 mm.

3.8 Such shoots shall not have more than seven nodes.

3.9 There shall be a bud within 15 mm from the top of each shoot.

[Paragraph 3 substituted by R. 227 of 19 March 2021]

4. Rootstocks for grafting

4.1 Rootstocks shall originate from plants that are at least two years old.

4.2 Such shoots shall be matured over the entire length thereof.

4.3 A node shall occur within 15 mm of the base of each such shoot.

4.4 Such shoots shall be between 250 mm and 280 mm in length.

4.5 The internodal diameter of such shoots over the entire length thereof shall be between 6,5 mm and 12 mm: Provided the internodal diameter of at least 70% of the shoots in a lot shall not be less than 7 mm.

4.6 Such shoots shall not have any tendrils or side shoots or merge into a side shoot.

4.7 Such shoots shall be straight enough to fit lengthwise between two parallel straight lines 30 mm apart.

[Paragraph 4 substituted by R. 227 of 19 March 2021]

5. Rootstocks for rooting

5.1 Rootstocks shall originate from plants that are at least two years old.

5.2 Such shoots shall be matured over the entire length thereof.

5.3 Such shoots shall be at least 300 mm in length.

5.4 The diameter of such shoots between the two uppermost buds shall be at least 4,5 mm.

5.5 No such shoot shall have more than seven nodes.

5.6 A bud shall occur within 15 mm of the upper end of each such shoot.

5.7 Such shoots shall not have any tendrils or side shoots.

5.8 Such shoots shall be straight enough to fit lengthwise between two parallel straight lines 30 mm apart.

[Paragraph 5 substituted by R. 227 of 19 March 2021]

6. Rooted rootstock plants in containers

6.1 Each rooted rootstock plant grown from a one-bud cutting and established in a container shall -

6.1.1 have at least one shoot with a minimum length of 100 mm which, when dormant, is matured over at least two-thirds of the length thereof;

6.1.2 have at least two well developed roots that are evenly spread around the base thereof; and

6.1.3 have upper growth in the growing stage that is well hardened off.

6.2 Each rooted rootstock plant that is not grown from a one-bud cutting and is established in a container shall -

6.2.1 have a stem that is at least two years old, be at least 200 mm long and have an internodal diameter of at least 5 mm;

6.2.2 have at least one well-hardened off year-old shoot with a minimum length of 150 mm which, when dormant, is well-matured over at least two-thirds of the length thereof;

6.2.3 have at least two well developed roots that are evenly spread around the base thereof; and

6.2.4 have upper growth in the growing stage that is well hardened off.

[Paragraph 6 substituted by R. 227 of 19 March 2021]

7. Rooted rootstock plants not in containers

7.1 Each rooted rootstock plant not established in a container shall have at least one mature shoot with a minimum length of 150 mm, or at least two mature shoots with a minimum length of at least 100 mm each.

7.2 The portion older than one year of each such plant shall be at least 250 mm in length with a minimum diameter of 5 mm. If the plant will be established as a mother plant, the length of the rootstock must be at least 150 mm.
[Subparagraph 7.2 substituted by R. 227 of 19 March 2021]

7.3 Each such plant shall have a well-developed root system of which at least two roots are evenly spread at the base thereof.

7.4 No dead parts shall occur on such plant.

7.5 The roots of such plant shall not be cut back to shorter than 100 mm.

8. Rooted grafted plants in containers

8.1 The graft union of a rooted grafted plant established in a container shall -

8.1.1 in the case of side grafting, be free of grafting tape and be firmly callused through at least the bottom three-quarters of the graft union; and

8.1.2 in the case of top grafting, be firmly callused right around: Provided that in the case of a one-year-old plant grafted from dormant wood, the graft union shall withstand the bend and twist test.

[Subparagraph 8.1 substituted by R. 227 of 19 March 2021]

8.2 The diameter of the scion of such plant shall not be more than 3 mm thicker or 3 mm thinner than that of the rootstock.

8.3 The rootstock of such plant shall, if it originates from dormant wood, be at least 150 mm in length and have an internodal diameter of at least 6.5 mm.
[Subparagraph 8.3 substituted by R. 227 of 19 March 2021]

8.4 Each such plant shall have at least one shoot with a minimum length of 150 mm which, when dormant, is well-matured over at least two-thirds of the length thereof.

8.5 Each such plant shall have at least three well-developed roots that are evenly spread around the base thereof.

8.6 The upper growth of each such plant in the growing stage shall be well hardened off.
[Subparagraph 8.6 substituted by R. 227 of 19 March 2021]

9. Rooted grafted plants not in containers

9.1 The graft union of a rooted grafted plant not established in a container shall -

9.1.1 in the case of side grafting, be free of grafting tape and be firmly callused through at least the bottom three-quarters of the union; and

9.1.2 in the case of top grafting, be firmly callused right around and be able to withstand the bend and twist test.

[Subparagraph 9.1 substituted by R. 227 of 19 March 2021]

9.2 The diameter of the scion of such plant shall not be more than 2 mm thicker or 3 mm thinner than that of the rootstock.

9.3 Each such plant shall have at least two well developed roots at the base thereof.

9.4 No signs of the removal of roots thicker than 2 mm in diameter from the scion of such plant shall be visible.

9.5 No live primary buds shall occur on the rootstock of such plant.
[Subparagraph 9.5 substituted by R. 227 of 19 March 2021]

9.6 Each such plant shall have at least one mature shoot that shall -

9.6.1 in the case of plants of the varieties Barlinka, Dauphine, Muscat d'Alexandrie and Sugrasixteen, be at least 100 mm in length and with an internodium diameter of 3,0 mm at a length of 50 mm; and
[Subparagraph 9.6.1 substituted by R. 227 of 19 March 2021]

9.6.2 otherwise be at least 150 mm in length and with an internodium diameter of 3,0 mm at a length of 50 mm.

9.7 The rootstock of each such plant shall be at least 200 mm in length.

9.8 No dead parts shall occur on such plant.

9.9 The roots of such plant shall not be cut back to shorter than 100 mm.

10. **Rooted green-grafted plants in containers**

10.1 The graft union of a green-grafted plant in a container shall be firmly callused right around.

10.2 The internodal diameter of the scions of such a plant shall be at least 1,5 mm.

10.3 Each one-year-old plant, when dormant, shall have at least one mature shoot with a minimum length of 80 mm.

10.4 Each one-year-old plant, when not dormant, shall have at least one green shoot with a minimum length of 80 mm.
[Subparagraph 10.4 substituted by R. 227 of 19 March 2021]

10.5 The rootstock of such a plant shall -

10.5.1 be well-matured over the entire length thereof;

10.5.2 have an internodal diameter of at least 1,5 mm; and

10.5.3 be at least 100 mm in length.

10.6 Each plant shall have at least three well-developed roots that are evenly spread around the base thereof.

11. Rooted scion plants in containers

11.1 Each rooted scion plant grown from a one-bud cutting and established in a container shall –

11.1.1 have at least one shoot with a minimum length of 100 mm which, when dormant, is matured over at least two thirds of the length thereof;

11.1.2 have at least two well-developed roots that are evenly spread around the base thereof; and

11.1.3 have upper growth in the growing stage that is well hardened off.

[Addition of paragraph 11 by R. 227 of 19 March 2021]

12. Rooted scion plants that have not been grafted and that are not in containers

12.1 Each rooted scion plant not grafted in a container shall have –

12.1.1 a stem of which the portion older than two years, must be at least 150 mm long and with an internode diameter of at least 5 mm; and

12.1.2 at least two well-developed roots that are evenly spread around the base thereof.

12.2 No dead parts shall occur on such plant.

12.3 The roots of such plant shall not be cut back to shorter than 100 mm.

[Addition of paragraph 12 by R. 227 of 19 March 2021]