

Commission Implementing Directive 2014/98/EU of 15 October 2014 implementing Council Directive 2008/90/EC as regards specific requirements for the genus and species of fruit plants referred to in Annex I thereto, specific requirements to be met by suppliers and detailed rules concerning official inspections

COMMISSION IMPLEMENTING DIRECTIVE 2014/98/EU

of 15 October 2014

implementing Council Directive 2008/90/EC as regards specific requirements for the genus and species of fruit plants referred to in Annex I thereto, specific requirements to be met by suppliers and detailed rules concerning official inspections

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Council Directive 2008/90/EC of 29 September 2008 on the marketing of fruit plant propagating material and fruit plants intended for fruit production<sup>(1)</sup>, and in particular Article 4 and Articles 6(4), 9(1) and 13(3) thereof,

Whereas:

- (1) Provisions for the certification and marketing of pre-basic, basic and certified material should take into account the different production cycles of the various genera and species covered by this Directive.
- (2) It is necessary that pre-basic material complies with very strict requirements concerning health and quality in order to ensure health and quality of the propagating material and fruit plants derived from pre-basic material.
- (3) In order to ensure the identification and quality of pre-basic material, it is appropriate to lay down rules concerning the establishment and verification of its trueness to the variety to which that material belongs. Moreover, identification and quality of pre-basic material should be ensured through rules concerning its propagation, which may include renewal and multiplication. In order to ensure the health of pre-basic material, it is important to lay down rules concerning the absence of pests, inspections, sampling and testing, as appropriate for the genus and species concerned. Furthermore, the quality of that material should be ensured through the adoption of rules concerning defects.
- (4) In order to ensure the identification and quality of rootstocks not belonging to a variety, those rootstocks should be true to the description of the species to which they belong.
- (5) It is necessary that plants from which material is intended to be taken for the production of basic material or certified material, other than fruit plants, are identified. Those plants are referred to as 'mother plants'. Mother plants for the production of pre-basic material (pre-basic mother plants) should fulfil the same requirements as pre-basic material. Pre-basic mother plants and pre-basic material should be identified throughout the production process. The responsible official body should establish the trueness of the pre-basic mother plant to the description of its variety by the observation of

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the expression of the characteristics of the variety. Furthermore, the trueness to the description of the variety of the pre-basic mother plant and of the derived pre-basic material should be verified regularly.

- (6) In the case of material intended for certification, the trueness to the description of a variety should be established on the basis of an official description of that variety, which ensures that the variety is distinct, uniform and stable, the description accompanying an application for registration or for a plant variety right or an officially recognised description. In case of a variety with an officially recognised description, it is appropriate to require that the variety has been registered in a national register in order to ensure that that description is appropriate for the material under certification.
- (7) In the case of pre-basic and basic material, the establishment of trueness to the description of the variety should also be possible on the basis of a description accompanying the application for registration of a variety in a Member State and of a description accompanying the application for registration of a plant variety right, provided that a report is already available in the Union or in a third country indicating that the respective variety is distinct, uniform and stable. The purpose of granting that possibility is to accelerate the initial phases of the certification process, in cases where the registration of the variety is close to completion but still pending. However, and in order to ensure transparency and informed choices for the users of that material, its marketing should only be allowed once the variety registration has been concluded.
- (8) It is important that strict provisions apply concerning the protection of pre-basic material from all types of infections by pests. Therefore the suppliers should maintain pre-basic mother plants and pre-basic material in designated facilities, which are insect proof and ensure freedom from infection through aerial vectors and any other possible sources. For the same reason, pre-basic mother plants and pre-basic material should be grown or produced, isolated from the soil, in pots of soil-free or of sterilised growing media. However, and in order to address particular production needs, Member States should be permitted to apply for the authorisation to produce pre-basic mother plants and pre-basic material in the field provided that appropriate measures are taken to prevent infection by the relevant pests.
- (9) Council Directive 2000/29/EC<sup>(2)</sup> sets out the rules preventing the introduction into the Union of certain harmful organisms and their spread therein. This includes requirements for certain genera and species that complement the certification requirements in this Directive in respect of harmful organisms covered by Directive 2000/29/EC. Additional rules on other harmful organisms should be set out. Where a pest could cause unacceptable damage to the health or usefulness of pre-basic material of the genera or species concerned, its absence should be required. Those pests should be listed. Where a pest could cause such damage only when its presence exceeds certain levels, its presence should only be prohibited in quantities exceeding those levels. Those pests should be listed separately from those whose absence is required.
- (10) Candidate pre-basic mother plants constitute the starting point of the production and certification process of propagating material and fruit plants. For that reason, they should be subject to the most stringent phytosanitary requirements to ensure freedom

from the relevant pests. In view of the biology and characteristics of the respective genera or species of the plants and the relevant pests concerned, visual inspections of the candidate pre-basic mother plants should be required for the presence of the pests listed in Annex I. In case of doubts regarding the presence of those pests, each candidate pre-basic mother plant should be sampled and tested in order to ensure accurate findings. Each candidate pre-basic mother plant should be tested for the pests listed in Annex II to ensure with certainty the absence of the relevant pests. Very similar requirements should apply to pre-basic mother plants produced by renewal due to their importance for the further production and certification process.

- (11) In view of the biology and characteristics of the respective genera or species of the plants and the relevant pests concerned, visual inspections of the pre-basic mother plants or pre-basic material should be required for the presence of the pests listed in Annexes I and II. In case of doubts regarding the presence of those pests, pre-basic mother plants and pre-basic material should be sampled and tested in order to ensure accurate findings.
- (12) In view of the biology and characteristics of the respective genera or species of the plants and the pests concerned, appropriate rules should be established concerning the frequencies of visual inspections, sampling and testing of basic mother plants, basic material, certified mother plants and certified material. Those rules should be based on the experience gathered by the responsible official bodies and the fruit plant producers during the application of national certification schemes. Those rules should take into account the needs of the users of a particular category.
- (13) The presence of certain pests, and in particular nematodes, in the soil may cause unacceptable damage to the health and usefulness of the plants concerned, in case those pests host viruses affecting the genera or species concerned. Therefore those pests should be listed and identified separately, and their presence in the respective soil should not be permitted, unless they are shown by testing to be free of the relevant viruses. Sampling and testing should show whether those pests or the relevant viruses are present. For the setting of the rules concerning sampling and testing, the different categories of propagating material and fruit plants should be taken into account. However, it is proportionate to permit, under certain conditions, that sampling and testing does not need to be carried out where host plants have not been grown in the field of production for a period of at least five years.
- (14) Where sampling and testing is carried out, it should take place in accordance with the protocols of the European and Mediterranean Plant Protection Organization (EPPO), or other protocols which are internationally recognised. This is necessary to ensure that the practice of sampling and testing carried out in the Union is up to date with the international scientific and technical developments. Where such protocols are not available, sampling and testing should take place in accordance with relevant protocols established at national level.
- (15) The quality and usefulness of pre-basic mother plants and pre-basic material may be affected by injuries, discoloration, scar tissues, desiccation and other defects. Therefore, it should be laid down that pre-basic mother plants and pre-basic material must be practically free from any such defects.

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- (16) In order to guarantee the appropriate quality of the propagating material, rules should be laid down for its maintenance under appropriate conditions. Those conditions should depend on the category of the propagating material and fruit plants under certification. In view of recent developments it is important to also allow the maintenance method of cooling to ultra-low temperatures, known as cryopreservation. This is considered a useful alternative to *in vitro* culture because the properties of the propagating material will remain unchanged during storage at these temperatures.
- (17) Basic material constitutes the next stage of production process after pre-basic material. Therefore mother plants for the production of basic material (basic mother plants) should either be grown from pre-basic material or multiplied from other basic mother plants.
- (18) The requirements concerning basic material should be the same as the requirements for pre-basic material concerning identification, health and quality, because those requirements are equally important for the health and usefulness of basic material. However, basic material should be permitted to be produced in open fields to facilitate its effective propagation into the next generations and categories. Therefore, the requirements for the maintenance of basic material should allow maintenance in insect proof facilities or in fields isolated from potential sources of infection by aerial vectors, root contact, cross infection by machinery, grafting tools and any other possible sources.
- (19) Basic mother plants which are grown from pre-basic material should be permitted to be multiplied in a number of generations to attain the number of basic mother plants necessary for the production of basic and certified material. Different generations of basic mother plants should be kept separate from each other and identifiable throughout the production process.
- (20) Certified material and certified fruit plants may constitute the next stage of the production process after pre-basic material or basic material. Therefore mother plants for the production of certified material (certified mother plants) should be grown from either pre-basic material or basic material.
- (21) Minimum requirements should be adopted to ensure a harmonised procedure for the establishment and verification of the trueness to the description of the variety, concerning propagating material and fruit plants to be qualified as CAC material. Those requirements should be less stringent than the requirements for pre-basic, basic and certified material, since CAC material gives rise to lower expectations on the part of users concerning its health and quality, as simpler production procedures and stages are applied. However, suppliers should ensure the identification of material intended to be used for propagation. Moreover, it should be ensured that quality and health standards, appropriate as regards the cultivation of CAC material and the expectations of the users of that propagating material, apply. In view of the nature of the pests affecting certain *Citrus* L. species, *Fortunella* Swingle and *Poncirus* Raf., specific rules concerning visual inspection, sampling and testing are necessary in order to ensure that the respective propagating material or fruit plants are of adequate quality and health.

- (22) In order to allow the responsible official body to conduct official inspections and to verify if the propagating material and fruit plants comply with the quality and health standards for official certification set out in this Directive, the supplier should have in place a plan to identify and monitor critical points in the production process of propagating material and fruit plants for the relevant genera or species, and should keep records on that monitoring. The plan and records of field inspections, sampling and testing should be kept as long as the respective propagating material or fruit plants remain under the control of the supplier, and for a period of at least three years after that propagating material or those fruit plants are removed or marketed. That period is necessary to allow the detection of pests on woody plants where the symptoms may only become apparent several years after the infection has occurred.
- (23) Member States should ensure that propagating material and fruit plants are officially inspected during production and marketing in order to verify compliance with the requirements and conditions set out in this Directive. In order to ensure a harmonised procedure to carry out official inspections, rules should be laid down with respect to visual inspection and, where appropriate, sampling and testing.
- (24) In order to avoid any disruption of trade, Member States should be allowed to authorise, for a transitional period, the marketing in their own territory of propagating material and fruit plants produced from pre-basic, basic and certified mother plants or from CAC mother plants which already existed at the date of application of this Directive even if that material or those fruit plants do(es) not fulfil the new conditions.
- (25) Commission Directives 93/48/EEC<sup>(3)</sup> and 93/64/EEC<sup>(4)</sup> should be repealed.
- (26) The measures provided for in this Directive are in accordance with the opinion of the Standing Committee on Propagating Material and Plants of Fruit Genera and Species,

HAS ADOPTED THIS DIRECTIVE:

## CHAPTER 1

### DEFINITIONS AND GENERAL PROVISIONS

#### *Article 1*

#### **Definitions**

For the purpose of this Directive, the following definitions shall apply:

- (1) ‘mother plant’ means an identified plant intended for propagation;
- (2) ‘candidate pre-basic mother plant’ means a mother plant which the supplier intends to have accepted as pre-basic mother plant;
- (3) ‘pre-basic mother plant’ means a mother plant intended for the production of pre-basic material;

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- (4) ‘basic mother plant’ means a mother plant intended for the production of basic material;
- (5) ‘certified mother plant’ means a mother plant intended for the production of certified material;
- (6) ‘pest’ means any species, strain or biotype of plant, animal or pathogenic agent injurious to plants or plant products and listed in Annexes I, II and III;
- (7) ‘visual inspection’ means the examination of plants or parts of plants using the unaided eye, lens, stereoscope or microscope;
- (8) ‘test’ means examination, other than visual inspection;
- (9) ‘fruiting plant’ means a plant propagated from a mother plant and grown for the production of fruit in order to permit the verification of the varietal identity of that mother plant;
- (10) ‘category’ means pre-basic material, basic material, certified material or CAC material;
- (11) ‘multiplication’ means vegetative production of mother plants in order to obtain a sufficient number of mother plants in the same category;
- (12) ‘renewal of a mother plant’ means replacing a mother plant by a plant vegetatively produced from it;
- (13) ‘micropropagation’ means the multiplication of plant material in order to produce a large number of plants, using *in vitro* culture of differentiated vegetative buds or differentiated vegetative meristems taken from a plant;
- (14) ‘practically free from defects’ means that defects likely to impair the quality and usefulness of the propagating material or fruit plants, are present at a level equal to, or lower than, the level expected to result from good cultivating and handling practices, and that level is consistent with good cultivating and handling practices;
- (15) ‘practically free from pests’ means that the extent to which pests are present on the propagating material or fruit plants is sufficiently low to ensure acceptable quality and usefulness of the propagating material;
- (16) ‘laboratory’ means any facility used for the testing of propagating material and fruit plants;
- (17) ‘cryopreservation’ means the maintenance of plant material by cooling to ultra-low temperatures, in order to retain the viability of the material.

## Article 2

### General provisions

1 Member States shall ensure that propagating material and fruit plants belonging to the genera and species listed in Annex I to Directive 2008/90/EC comply, during production and marketing, with Articles 3 to 27 of this Directive, as appropriate.

2 Member States shall ensure that, during production of propagating material and fruit plants belonging to the genera and species listed in Annex I to Directive 2008/90/EC, suppliers comply with the requirements set out in Articles 28 and 29.

3 Member States shall ensure that, during production and marketing, propagating material and fruit plants, belonging to the genera and species listed in Annex I to Directive 2008/90/EC, are officially inspected in accordance with Article 30.

4 Propagating material that fulfils the requirements of a certain category shall not be mixed with material of other categories.

## CHAPTER 2

### REQUIREMENTS FOR PROPAGATING MATERIAL AND, WHERE APPLICABLE, FRUIT PLANTS

#### SECTION 1

##### *Requirements for pre-basic material*

##### *Article 3*

#### **Requirements for the certification of pre-basic material**

1 Propagating material, other than mother plants and other than rootstocks not belonging to a variety, shall, on request, be officially certified as pre-basic material if it has been found to fulfil the following requirements:

- a it is directly propagated from a mother plant in accordance with Article 13 or Article 14;
- b it is true to the description of its variety and its trueness to the description of the variety is verified pursuant to Article 7;
- c it is maintained pursuant to Article 8;
- d it complies with the health requirements of Article 10;
- e where the Commission has granted a derogation pursuant to Article 8(4) to grow pre-basic mother plants and pre-basic material in the field under non-insect proof conditions, the soil complies with Article 11;
- f it complies with Article 12 concerning defects.

2 The mother plant referred to in paragraph (1)(a) shall either have been accepted in accordance with Article 5, or have been obtained by multiplication in accordance with Article 13 or micropropagation in accordance with Article 14.

3 Where a pre-basic mother plant or pre-basic material no longer fulfils the requirements of Articles 7 to 12, the supplier shall remove it from the vicinity of other pre-basic mother plants and pre-basic material. That removed mother plant or material may be used as basic, certified or CAC material provided that it fulfils the requirements set out in this Directive for the respective categories.

Instead of removing that mother plant or that material, the supplier may take appropriate measures in order to ensure that that mother plant or that material complies with those requirements again.

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#### Article 4

##### **Requirements for the certification of rootstocks not belonging to a variety as pre-basic material**

1 A rootstock not belonging to a variety, shall, on request, be officially certified as pre-basic material if it has been found to fulfil the following requirements:

- a it is directly propagated, by vegetative or sexual propagation from a mother plant; in the case of sexual propagation pollinating trees (pollenisers) are directly produced by vegetative propagation from a mother plant;
- b it is true to the description of its species;
- c it is maintained pursuant to Article 8;
- d it complies with the health requirements of Article 10;
- e where the Commission has granted a derogation pursuant to Article 8(4) to grow pre-basic mother plants and pre-basic material in the field under non-insect proof conditions, the soil complies with Article 11;
- f it complies with Article 12 concerning defects.

2 The mother plant referred to in paragraph (1)(a) shall either have been accepted in accordance with Article 6, or have been obtained by multiplication in accordance with Article 13 or micropropagation in accordance with Article 14.

3 Where a rootstock which is a pre-basic mother plant or pre-basic material no longer fulfils the requirements of Articles 8 to 12, the supplier shall remove it from the vicinity of other pre-basic mother plants and pre-basic material. That removed rootstock may be used as basic, certified or CAC material provided that it fulfils the requirements set out in this Directive for the respective categories.

Instead of removing that rootstock, the supplier may take appropriate measures in order to ensure that that rootstock complies with those requirements again.

#### Article 5

##### **Requirements for the acceptance of a pre-basic mother plant**

1 The responsible official body shall accept a plant as a pre-basic mother plant if it complies with Articles 7 to 12, and if its trueness to the description of its variety is established in accordance with paragraphs 2, 3 and 4.

That acceptance shall take place on the basis of an official inspection and the testing results, records and procedures pursuant to Article 30.

2 The responsible official body shall establish the trueness of the pre-basic mother plant to the description of its variety by the observation of the expression of the characteristics of the variety. That observation shall be based on one of the following elements:

- a the official description for varieties registered in any of the national registers, and for varieties legally protected by a plant variety right;
- b the description accompanying the application for varieties which are the subject of an application for registration in any Member State, as referred to in Article 5(1) of Commission Implementing Directive 2014/97/EU<sup>(5)</sup>;



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- c the description accompanying the application for varieties which are the subject of an application for registration of a plant variety right;
- d the officially recognised description, if the variety subject to that description is registered in a national register.

3 Where point (b) or point (c) of paragraph 2 applies, the pre-basic mother plant shall only be accepted if a report, produced by any responsible official body in the Union or in a third country, is available proving that the respective variety is distinct, uniform and stable. However, pending the registration of the variety, the mother plant concerned and the material produced from it may only be used for the production of basic or certified material and shall not be marketed as pre-basic, basic or certified material.

4 Where the establishment of the trueness to the description of the variety is only possible on the basis of the characteristics of a fruiting plant, the observation of the expression of the characteristics of the variety shall be carried out on the fruits of a fruiting plant propagated from the pre-basic mother plant. Those fruiting plants shall be kept separate from the pre-basic mother plants and pre-basic material.

Fruiting plants shall be visually inspected in the most appropriate periods of the year taking into account climatic and growing conditions of plants of the genera or species concerned.

#### *Article 6*

##### **Requirements for the acceptance of a rootstock not belonging to a variety**

The responsible official body shall accept a rootstock not belonging to a variety as a pre-basic mother plant if it is true to the description of its species and if it complies with Articles 8 to 12.

That acceptance shall take place on the basis of an official inspection and the testing results, records and procedures used by the supplier pursuant to Article 30.

#### *Article 7*

##### **Verification of trueness to the description of the variety**

The responsible official body and, where appropriate, the supplier shall regularly verify the trueness of pre-basic mother plants and of pre-basic material to the description of their variety, in accordance with Article 5(2) and (3), as appropriate for the variety concerned and the propagation method used.

In addition to the regular verification of pre-basic mother plants and pre-basic material, the responsible official body and, where appropriate, the supplier shall, after each renewal, verify the pre-basic mother plants resulting from it.

#### *Article 8*

##### **Requirements concerning the maintenance of pre-basic mother plants and pre-basic material**

1 The suppliers shall maintain pre-basic mother plants and pre-basic material in facilities, which are designated for the genera or species concerned, and which are insect

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proof and ensure freedom from infection through aerial vectors and any other possible sources throughout the production process.

Candidate pre-basic mother plants shall be kept under insect proof conditions, and physically isolated from pre-basic mother plants in the facilities referred to in the first subparagraph, until all tests concerning compliance with Article 9(1) and (2) have been concluded.

2 Pre-basic mother plants and pre-basic material shall be maintained in a manner that ensures that they are individually identified throughout the production process.

3 Pre-basic mother plants and pre-basic material shall be grown or produced, isolated from the soil, in pots of soil-free or of sterilised growing media. They shall be identified by labels ensuring their traceability.

4 By way of derogation from paragraphs 1, 2 and 3 a Member State may be granted authorisation to produce pre-basic mother plants and pre-basic material in the field under non-insect proof conditions for specific genera or species. Such material shall be identified by labels to ensure its traceability. That authorisation shall be granted provided that the Member State concerned ensures that appropriate measures are taken to prevent infection of the plants by aerial vectors, root contact, cross infection by machinery, grafting tools and any other possible sources.

5 Pre-basic mother plants and pre-basic material may be maintained by cryopreservation.

6 Pre-basic mother plants may only be used for a period calculated on the basis of the stability of the variety or the environmental conditions under which they are grown and any other determinants having an impact on the stability of the variety.

#### *Article 9*

##### **Health requirements for candidate pre-basic mother plants and for pre-basic mother plants produced by renewal**

1 A candidate pre-basic mother plant shall be free from the pests listed in Annex I, as regards the genus or species concerned.

The candidate pre-basic mother plant concerned shall, by visual inspection in the facilities and fields be found free from the pests listed in Annex I, as regards the genus or species concerned.

That visual inspection shall be carried out by the responsible official body and, where appropriate, the supplier.

In case of doubts concerning the presence of those pests, the responsible official body and, where appropriate, the supplier shall carry out sampling and testing of the candidate pre-basic mother plant concerned.

2 A candidate pre-basic mother plant shall be free from the pests listed in Annex II, as regards the genus or species concerned.

The candidate pre-basic mother plant concerned shall, by visual inspection in the facilities and fields, and by sampling and testing, be found free from the pests listed in Annex II, as regards the genus or species concerned.

That visual inspection, sampling and testing shall be carried out by the responsible official body and, where appropriate, the supplier.

That sampling and testing shall take place in the most appropriate period of the year taking into account the climatic conditions and the growing conditions of the plant, and the biology of the pests relevant for that plant. Sampling and testing shall also take place at any time of the year in case of doubts concerning the presence of those pests.

3 As regards the sampling and testing, as provided for in paragraphs 1 and 2, Member States shall apply protocols of the European and Mediterranean Plant Protection Organization (EPPO), or other protocols which are internationally recognised. Where such protocols do not exist, the responsible official body shall apply the relevant protocols established at national level. In that case, Member States shall, on request, make available those protocols to the other Member States and to the Commission.

The responsible official body and, where appropriate, the supplier shall submit the samples to laboratories officially accepted by the responsible official body.

The testing method for viruses, viroids, virus-like diseases and phytoplasmas applied to candidate pre-basic mother plants shall be biological indexing on indicator plants. Other test methods may be applied in case the Member State considers, on the basis of peer reviewed scientific evidence, that they produce results as reliable as biological indexing on indicator plants.

4 By way of derogation from paragraph 2, where a candidate pre-basic mother plant is a seedling, visual inspection, sampling and testing shall only be required in respect of viruses, viroids or virus-like diseases transmitted by pollen and listed in Annex II, as regards the genus or species concerned, provided that an official inspection has confirmed that the seedling concerned was grown from a seed produced by a plant free from symptoms caused by those viruses, viroids and virus-like diseases and that that seedling has been maintained in accordance with Article 8(1) and (3).

5 Paragraphs 1 and 3 shall also apply to a pre-basic mother plant produced by renewal.

A pre-basic mother plant produced by renewal shall be free from the viruses and viroids listed in Annex II, as regards the genus or species concerned.

That pre-basic mother plant shall, by visual inspection in the facilities, fields and lots, and by sampling and testing, be found free from those viruses and viroids.

That visual inspection, sampling and testing shall be carried out by the responsible official body and, where appropriate, the supplier.

#### *[<sup>F1</sup>Article 10*

### **Health requirements for pre-basic mother plants and for pre-basic material**

1 A pre-basic mother plant or pre-basic material shall, by visual inspection in the facilities, fields and lots, be found free from the regulated non-quarantine pests (RNQPs), listed in Annexes I and II, and subject to the requirements of Annex IV, as regards the genus or species concerned. That visual inspection shall be carried out by the responsible official body and, where appropriate, the supplier.

The responsible official body and, where appropriate the supplier, shall carry out sampling and testing of the pre-basic mother plant or pre-basic material for the RNQPs

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listed in Annex II, and subject to the requirements of Annex IV, with regard to the genus or species concerned and category.

In case of doubts concerning the presence of the RNQPs listed in Annex I, the responsible official body and, where appropriate the supplier, shall carry out sampling and testing of the pre-basic mother plant or pre-basic material concerned.

2 As regards sampling and testing, as provided for in paragraph 1, Member States shall apply protocols of EPPO, or other internationally recognised protocols. Where such protocols do not exist, the responsible official body shall apply the relevant protocols established at national level. In that case, Member States shall, on request, make available those protocols to the other Member States and to the Commission.

The responsible official body and, where appropriate, the supplier shall submit the samples to laboratories officially accepted by the responsible official body.

3 In the case of a positive test result for any of the RNQPs, listed in Annexes I and II, as regards the genus or species concerned, the supplier shall remove the infested pre-basic mother plant or pre-basic material from the vicinity of other pre-basic mother plants and pre-basic material pursuant to Article 3(3) or Article 4(3), or take appropriate measures pursuant to Annex IV.

4 The measures to ensure compliance with the requirements of paragraph 1 are set out in Annex IV, with regard to the genus or species concerned and category.

5 Paragraph 1 shall not apply to pre-basic mother plants and pre-basic material during cryopreservation.]

#### Textual Amendments

- F1** Substituted by [Commission Implementing Directive \(EU\) 2020/177 of 11 February 2020 amending Council Directives 66/401/EEC, 66/402/EEC, 68/193/EEC, 2002/55/EC, 2002/56/EC and 2002/57/EC, Commission Directives 93/49/EEC and 93/61/EEC and Implementing Directives 2014/21/EU and 2014/98/EU as regards pests of plants on seeds and other plant reproductive material \(Text with EEA relevance\).](#)

#### Article 11

##### [<sup>F1</sup>Soil requirements for pre-basic mother plants and pre-basic material]

1 Pre-basic mother plants and pre-basic material may only be grown in soil that is free from any pests which are listed in Annex III, for the genus or species concerned, and which host viruses affecting that genus or species. Freedom from such pests shall be established by sampling and testing.

That sampling shall be carried out by the responsible official body and, where appropriate, the supplier.

That sampling and testing shall be carried out before the pre-basic mother plants or the pre-basic material concerned is planted, and it shall be repeated during growth where there is suspicion concerning the presence of the pests referred to in subparagraph 1.

That sampling and testing shall be carried out taking into account the climatic conditions and the biology of the pests listed in Annex III, and where those pests are relevant for the pre-basic mother plants or the pre-basic material concerned.

2 Sampling and testing shall not be carried out where plants which are hosts for the pests listed in Annex III, for the genus or species concerned, have not been grown in the soil of production for a period of at least five years and where there is no doubt concerning the absence of the relevant pests in that soil.

Sampling and testing shall not be carried out when the responsible official body concludes on the basis of an official inspection that the soil is free from any pests which are listed in Annex III, for the genus or species concerned, and which host viruses affecting that genus or species.

3 In the case of sampling and testing as referred to in paragraph 1, Member States shall apply protocols of the EPPO, or other protocols which are internationally recognised. Where such protocols do not exist, Member States shall apply the relevant protocols established at national level. In that case, Member States shall, on request, make available those protocols to the other Member States and to the Commission.

#### **Textual Amendments**

- F1** Substituted by [Commission Implementing Directive \(EU\) 2020/177 of 11 February 2020 amending Council Directives 66/401/EEC, 66/402/EEC, 68/193/EEC, 2002/55/EC, 2002/56/EC and 2002/57/EC, Commission Directives 93/49/EEC and 93/61/EEC and Implementing Directives 2014/21/EU and 2014/98/EU as regards pests of plants on seeds and other plant reproductive material \(Text with EEA relevance\).](#)

#### *Article 12*

### **Requirements concerning defects likely to impair quality**

Pre-basic mother plants and pre-basic material shall be found practically free from defects on the basis of visual inspection. That visual inspection shall be carried out by the responsible official body and, where appropriate, the supplier. Injuries, discoloration, scar tissues or desiccation shall be considered as defects, if they affect the quality and usefulness as propagating material.

#### *Article 13*

### **Requirements concerning multiplication, renewal and propagation of pre-basic mother plants**

1 The supplier may multiply or renew a pre-basic mother plant accepted in accordance with Article 5(1).

2 The supplier may propagate a pre-basic mother plant to produce pre-basic material.

3 Multiplication, renewal and propagation of pre-basic mother plants shall take place in accordance with the protocols referred to in paragraph 4.

4 Member States shall apply protocols concerning multiplication, renewal and propagation of pre-basic mother plants. Member States shall apply protocols of EPPO, or other

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protocols which are internationally recognised. Where such protocols do not exist, Member States shall apply relevant protocols established at national level. In that case, Member States shall, on request, make available those protocols to the other Member States and to the Commission.

The protocols referred to in subparagraph 1 of this paragraph shall have been tested on the relevant genera or species for a period of time considered appropriate for those genera or species. That period of time shall be considered appropriate when it allows phenotype validation of the plants as regards the trueness to the description of the variety based on the observation of the fruit production or of the vegetative development of rootstocks.

5 The supplier may only renew the pre-basic mother plant before the end of the period referred to in Article 8(6).

#### *Article 14*

### **Requirements concerning multiplication, renewal and propagation by micropropagation of pre-basic mother plants**

1 In the case of multiplication, renewal and propagation by micropropagation of pre-basic mother plants, for the production of other pre-basic mother plants or pre-basic material, it shall take place in accordance with the protocols set out in paragraph 2.

2 Member States shall apply protocols concerning micropropagation of pre-basic mother plants and pre-basic material which are protocols of EPPO, or other protocols which are internationally recognised. Where such protocols do not exist, Member States shall apply relevant protocols established at national level. In that case, Member States shall, on request, make available those protocols to the other Member States and to the Commission.

Member States shall only apply protocols which have been tested on the relevant genus or species for a period of time considered sufficient to allow phenotype validation of the plants as regards the trueness to the description of the variety based on the observation of the fruit production or of the vegetative development of rootstocks.

#### *SECTION 2*

### ***Requirements for basic material***

#### *Article 15*

### **Requirements for the certification of basic material**

1 Propagating material, other than basic mother plants and other than rootstocks not belonging to a variety, shall, on request, be officially certified as basic material if it fulfils the requirements of paragraphs 2, 3 and 4.

2 The propagating material shall be propagated from a basic mother plant.

A basic mother plant shall fulfil one of the following requirements:

- a be grown from pre-basic material; or
- b be produced by multiplication from a basic mother plant in accordance with Article 19.

3 The propagating material shall fulfil the requirements set out in Article 7, Article 8(6) and Article 12.

4 The propagating material shall fulfil the additional requirements concerning:

- a health, as set out in Article 16;
- b soil, as set out in Article 17;
- c maintenance of basic mother plants and basic material as set out in Article 18; and
- d specific conditions for propagation, as set out in Article 19.

5 A rootstock not belonging to a variety, shall, on request, be officially certified as basic material if it is true to the description of its species, it fulfils the requirements set out in Article 8(2) and (6), and the additional requirements of Articles 12, 16, 17, 18 and 19.

6 For the purpose of this Section, any reference in the provisions referred to in paragraphs 3 and 5 to pre-basic mother plants shall be construed as reference to basic mother plants, and any reference to pre-basic material shall be construed as reference to basic material.

7 Where a basic mother plant or basic material no longer fulfils the requirements of Article 7, Article 8(2) and (6) and Articles 12, 16 and 17 the supplier shall remove it from the vicinity of other basic mother plants and basic material. That removed mother plant or material may be used as certified or CAC material provided that it fulfils the requirements set out in this Directive for the respective categories.

Instead of removing that mother plant or that material, the supplier may take appropriate measures in order to ensure that that mother plant or that material complies with those requirements again.

8 Where a rootstock not belonging to a variety is a basic mother plant or basic material that no longer fulfils the requirements of Article 8(2) and (6) and Articles 12, 16 and 17, the supplier shall remove it from the vicinity of other basic mother plants and basic material. That removed rootstock may be used as certified or CAC material provided that it fulfils the requirements set out in this Directive concerning the respective categories.

Instead of removing that rootstock, the supplier may take appropriate measures in order to ensure that that rootstock complies with those requirements again.

### *[<sup>F1</sup> Article 16*

#### **Health requirements for basic mother plants and basic material**

1 A basic mother plant or basic material shall, by visual inspection in the facilities, fields and lots, be found free from the RNQPs, listed in Annexes I and II, and subject to the requirements of Annex IV, as regards the genus or species concerned. That visual inspection shall be carried out by the responsible official body and, where appropriate, the supplier.

The responsible official body and, where appropriate the supplier, shall carry out sampling and testing of the basic mother plant or basic material for the RNQPs listed in Annex II, and subject to the requirements of Annex IV, with regard to the genus or species concerned and category.

In case of doubts concerning the presence of the RNQPs listed in Annex I, the responsible official body and, where appropriate, the supplier shall carry out sampling and testing of the basic mother plant or basic material concerned.

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2 As regards sampling and testing, as provided for in paragraph 1, Member States shall apply protocols of EPPO, or other internationally recognised protocols. Where such protocols do not exist, the responsible official body shall apply the relevant protocols established at national level. In that case, Member States shall, on request, make available those protocols to the other Member States and to the Commission.

The responsible official body and, where appropriate, the supplier shall submit samples to laboratories officially accepted by the responsible official body.

3 In the case of a positive test result for any of the RNQPs, listed in Annexes I and II, as regards the genus or species concerned, the supplier shall remove the infested basic mother plant or basic material from the vicinity of other basic mother plants and basic material pursuant to Article 15(7) or Article 15(8), or take appropriate measures pursuant to Annex IV.

4 The measures to ensure compliance with the requirements of paragraph 1 are set out in Annex IV, with regard to the genus or species concerned and category.

5 Paragraph 1 shall not apply to basic mother plants and basic material during cryopreservation.]

#### Textual Amendments

- F1** Substituted by [Commission Implementing Directive \(EU\) 2020/177 of 11 February 2020 amending Council Directives 66/401/EEC, 66/402/EEC, 68/193/EEC, 2002/55/EC, 2002/56/EC and 2002/57/EC, Commission Directives 93/49/EEC and 93/61/EEC and Implementing Directives 2014/21/EU and 2014/98/EU as regards pests of plants on seeds and other plant reproductive material \(Text with EEA relevance\).](#)

#### Article 17

#### [<sup>F1</sup>Soil requirements for basic mother plants and basic material]

1 Basic mother plants and basic material may only be grown in soil that is free from any pests which are listed in Annex III, for the genus or species concerned, and which host viruses affecting that genus or species. Freedom of such pests hosting viruses shall be established by sampling and testing.

That sampling shall be carried out by the responsible official body and, where appropriate, the supplier.

That sampling and testing shall be carried out before the basic mother plants or the basic material concerned is planted and it shall be repeated during growth where there is suspicion concerning the presence of the pests referred to in subparagraph 1.

That sampling and testing shall be carried out taking into account the climatic conditions and the biology of the pests listed in Annex III, and where those pests are relevant for the basic mother plants or the basic material concerned.

2 Sampling and testing shall not be carried out where plants which are hosts for the pests listed in Annex III, for the genus or species concerned, have not been grown in the soil of production for a period of at least five years and where there is no doubt concerning the absence of the relevant pests in that soil.



Sampling and testing shall not be carried out when the responsible official body concludes on the basis of an official inspection that the soil is free from any pests which are listed in Annex III, for the genus or species concerned, and which host viruses affecting that genus or species.

3 In the case of sampling and testing as referred to in paragraph 1, Member States shall apply protocols of EPPO, or other protocols which are internationally recognised. Where such protocols do not exist, Member States shall apply the relevant protocols established at national level. In that case, Member States shall, on request, make available those protocols to the other Member States and to the Commission.

#### **Textual Amendments**

- F1** Substituted by Commission Implementing Directive (EU) 2020/177 of 11 February 2020 amending Council Directives 66/401/EEC, 66/402/EEC, 68/193/EEC, 2002/55/EC, 2002/56/EC and 2002/57/EC, Commission Directives 93/49/EEC and 93/61/EEC and Implementing Directives 2014/21/EU and 2014/98/EU as regards pests of plants on seeds and other plant reproductive material (Text with EEA relevance).

### *Article 18*

#### **Requirements concerning the maintenance of basic mother plants and basic material**

1 Basic mother plants and basic material shall be maintained in fields isolated from potential sources of infection by aerial vectors, root contact, cross infection by machinery, grafting tools and any other possible sources.

2 The isolation distance of the fields referred to in paragraph 1 shall depend on regional circumstances, the type of propagating material, the presence of pests in the area concerned and the relevant risks involved as set out by the responsible official body based on official inspection.

### *Article 19*

#### **Conditions for multiplication**

1 The basic mother plants which are grown from pre-basic material within the meaning of Article 15(2)(a) may be multiplied in a number of generations to obtain the necessary number of basic mother plants. The basic mother plants shall be multiplied in accordance with Article 13 or shall be multiplied by micropropagation in accordance with Article 14. The maximum permitted number of generations, and the maximum permitted life span of basic mother plants, shall be as set out in Annex V for the relevant genera or species.

2 Where multiple generations of basic mother plants are permitted, each generation, other than the first one, may derive from any previous generation.

3 Propagating material of different generations shall be kept separately.

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### SECTION 3

#### **Requirements for certified material**

##### *Article 20*

#### **Requirements for certification of certified material**

1 Propagating material, other than mother plants, and fruit plants shall, on request, be officially certified as certified material if they fulfil the requirements set out in paragraphs 2, 3 and 4.

2 The propagating material, and fruit plants, shall be propagated from a certified mother plant.

A certified mother plant shall fulfil one of the following requirements:

- a be grown from pre-basic material;
- b be grown from basic material.

3 The propagating material, and fruit plants, shall fulfil the requirements set out in Article 7, Article 8(6) and Articles 12, 21 and 22.

4 The propagating material, and fruit plants, shall fulfil the health requirements set out in Article 21.

The propagating material and fruit plants shall be propagated from a certified mother plant which fulfils the soil requirements of Article 22.

5 A rootstock not belonging to a variety, shall, on request, be officially certified as certified material if it is true to the description of its species, it fulfils the requirements set out in Article 8(6) and the additional requirements of Articles 12, 21 and 22.

6 For the purpose of this Section, any reference in the provisions referred to in paragraphs 3 and 5 to pre-basic mother plants shall be construed as reference to certified mother plants, and any reference to pre-basic material shall be construed as reference to certified material.

7 Where a certified mother plant or certified material no longer fulfils the requirements of Article 7, Article 8(6) and Articles 12, 21 and 22, the supplier shall remove it from the vicinity of other certified mother plants and certified material. That removed mother plant or material may be used as CAC material provided that it fulfils the requirements set out in Section 4.

Instead of removing that mother plant or that material, the supplier may take appropriate measures in order to ensure that that mother plant or that material complies with those requirements again.

8 Where a rootstock not belonging to a variety is a certified mother plant or certified material that no longer fulfils the requirements of Article 8(6) and Articles 12, 21 and 22, the supplier shall remove it from the vicinity of other certified mother plants and certified material. That removed mother plant or material may be used as CAC material provided that it fulfils the requirements set out in Section 4.

Instead of removing that rootstock, the supplier may take appropriate measures in order to ensure that that rootstock complies with those requirements again.

## *[<sup>F1</sup>Article 21*

### **Health requirements for certified mother plants and certified material**

1 A certified mother plant or certified material shall, by visual inspection in the facilities, fields and lots, be found free from the RNQPs, listed in Annexes I and II, and subject to the requirements of Annex IV, as regards the genus or species concerned. That visual inspection shall be carried out by the responsible official body and, where appropriate, the supplier.

The responsible official body and, where appropriate the supplier, shall carry out sampling and testing of the certified mother plant or certified material, for the RNQPs listed in Annex II, and subject to the requirements of Annex IV, with regard to the genus or species concerned and category.

In case of doubts concerning the presence of the RNQPs listed in Annex I, the responsible official body and, where appropriate, the supplier shall carry out sampling and testing of the certified mother plant or certified material concerned.

2 As regards sampling and testing, as provided for in paragraph 1, Member States shall apply protocols of EPPO, or other internationally recognised protocols. Where such protocols do not exist, the responsible official body shall apply the relevant protocols established at national level. In that case, Member States shall, on request, make available those protocols to the other Member States and to the Commission.

The responsible official body and, where appropriate, the supplier shall submit samples to laboratories officially accepted by the responsible official body.

3 In the case of a positive test result for any of the RNQPs, listed in Annexes I and II, as regards the genus or species concerned, the supplier shall remove the infested certified mother plant or certified material from the vicinity of other certified mother plants and certified material pursuant to Article 20(7) or Article 20(8), or take appropriate measures pursuant to Annex IV.

4 The measures to ensure compliance with the requirements of paragraph 1 are set out in Annex IV, with regard to the genus or species concerned and category.

5 Paragraph 1 shall not apply to certified mother plants and certified material during cryopreservation.]

#### **Textual Amendments**

- F1** Substituted by [Commission Implementing Directive \(EU\) 2020/177 of 11 February 2020 amending Council Directives 66/401/EEC, 66/402/EEC, 68/193/EEC, 2002/55/EC, 2002/56/EC and 2002/57/EC, Commission Directives 93/49/EEC and 93/61/EEC and Implementing Directives 2014/21/EU and 2014/98/EU as regards pests of plants on seeds and other plant reproductive material \(Text with EEA relevance\).](#)

## *Article 22*

### **[<sup>F1</sup>Soil requirements for certified mother plants and certified material]**

1 Certified mother plants may only be grown in soil that is free from any pests which are listed in Annex III, for the genus or species concerned, and which host viruses affecting

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that genus or species. Freedom of such pests hosting viruses shall be established by sampling and testing.

That sampling shall be carried out by the responsible official body and, where appropriate, the supplier.

That sampling and testing shall be carried out before the certified mother plant concerned is planted, and it shall be repeated during growth where there is suspicion concerning the presence of the pests referred to in subparagraph 1.

That sampling and testing shall be carried out taking into account the climatic conditions and the biology of the pests listed in Annex III, and where those pests are relevant for the certified mother plants or the certified material concerned.

2 Sampling and testing shall not be carried out where plants which are hosts for the pests listed in Annex III, for the genus or species concerned, have not been grown in the soil of production for a period of at least five years and where there is no doubt concerning the absence of the relevant pests in that soil.

Sampling and testing shall not be carried out when the responsible official body concludes on the basis of an official inspection that the soil is free from any pests which are listed in Annex III, for the genus or species concerned, and which host viruses affecting that genus or species.

[<sup>F1</sup>Unless otherwise stated, sampling and testing shall not be carried out in the case of certified fruit plants.]

3 In the case of sampling and testing as referred to in paragraph 1, Member States shall apply protocols of EPPO, or other protocols which are internationally recognised. Where such protocols do not exist, Member States shall apply the relevant protocols established at national level. In that case, Member States shall, on request, make available those protocols to the other Member States and to the Commission.

#### **Textual Amendments**

- F1** Substituted by Commission Implementing Directive (EU) 2020/177 of 11 February 2020 amending Council Directives 66/401/EEC, 66/402/EEC, 68/193/EEC, 2002/55/EC, 2002/56/EC and 2002/57/EC, Commission Directives 93/49/EEC and 93/61/EEC and Implementing Directives 2014/21/EU and 2014/98/EU as regards pests of plants on seeds and other plant reproductive material (Text with EEA relevance).

## *SECTION 4*

### *Requirements for CAC material*

#### *Article 23*

#### **Conditions for CAC material, other than rootstocks not belonging to a variety**

1 CAC material, other than rootstocks not belonging to a variety, may only be marketed if it has been found to fulfil the following requirements:

- a it is propagated from an identified source of material recorded by the supplier;

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- b it is true to the description of the variety, in accordance with Article 25;
  - c it complies with the health requirements of Article 26;
  - d it complies with Article 27 concerning defects.
- 2 The actions to comply with paragraph 1 shall be carried out by the supplier.
- 3 In case CAC material no longer complies with paragraph 1, the supplier shall carry out one of the following actions:
- a remove that material, from the vicinity of other CAC material; or
  - b take appropriate measures to ensure that that material complies with those requirements again.

#### *Article 24*

##### **Conditions for CAC material in the case of rootstocks not belonging to a variety**

- 1 In the case of rootstocks not belonging to a variety, CAC material shall comply with the following requirements:
- a it is true to the description of its species;
  - b it complies with the health requirements of Article 26;
  - c it complies with Article 27 concerning defects.
- 2 The actions to comply with the requirements of paragraph 1 shall be carried out by the supplier.
- 3 In case CAC material no longer complies with the requirements of paragraph 1, the supplier shall carry out one of the following actions:
- a remove that material, from the vicinity of other CAC material; or
  - b take appropriate measures to ensure that that material complies with those requirements again.

#### *Article 25*

##### **Trueness to the description of the variety**

- 1 The trueness of CAC material to the description of its variety shall be established by the observation of the expression of the characteristics of the variety. That observation shall be based on one of the following elements:
- a the official description for registered varieties, as referred to in Implementing Directive 2014/97/EU and for varieties legally protected by a plant variety right; or
  - b the description accompanying the application for varieties which are the subject of an application for registration in any Member State, as referred to in Implementing Directive 2014/97/EU;
  - c the description accompanying the application for a plant variety right;
  - d the officially recognised description of a variety as referred to in Article 7(2)(c)(iii) of Directive 2008/90/EC.
- 2 The trueness of the CAC material to the description of its variety, shall be regularly verified through the observation of the expression of the characteristics of the variety in the CAC material concerned.

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## *[<sup>F1</sup>Article 26*

### **Health requirements for CAC material**

1 CAC material shall, by visual inspection carried out by the supplier in the facilities, fields and lots at the stage of production, be found practically free from the pests listed in Annexes I and II, as regards the genus or species concerned, unless stated otherwise in Annex IV.

The supplier shall carry out sampling and testing of the identified source of material or CAC material for the RNQPs listed in Annex II, and subject to the requirements of Annex IV, with regard to the genus or species concerned and category.

In case of doubts concerning the presence of the RNQPs listed in Annex I, the supplier shall carry out sampling and testing of the identified source of material or CAC material concerned.

CAC propagating material and CAC fruit plants in lots, after the stage of production, shall only be marketed if found free from signs or symptoms of the pests listed in Annexes I and II, upon visual inspection carried out by the supplier.

The supplier shall carry out the measures to ensure compliance with the requirements of paragraph 1 pursuant to Annex IV, with regard to the genus or species concerned and category.

2 Paragraph 1 shall not apply to CAC material during cryopreservation.]

#### **Textual Amendments**

- F1** Substituted by [Commission Implementing Directive \(EU\) 2020/177 of 11 February 2020 amending Council Directives 66/401/EEC, 66/402/EEC, 68/193/EEC, 2002/55/EC, 2002/56/EC and 2002/57/EC, Commission Directives 93/49/EEC and 93/61/EEC and Implementing Directives 2014/21/EU and 2014/98/EU as regards pests of plants on seeds and other plant reproductive material \(Text with EEA relevance\).](#)

## *Article 27*

### **Requirements concerning defects**

CAC material shall be found practically free from defects, on the basis of visual inspection. Injuries, discoloration, scar tissues or desiccation shall be considered as defects, if they affect the quality and usefulness as propagating material.

## *[<sup>F2</sup>Article 27a*

### **Requirements with regard to the production site, place of production or area**

In addition to the health and soil requirements of Articles 9, 10, 11, 16, 17, 21, 22 and 26, propagating material and fruit plants shall be produced in accordance with the requirements for the production site, place of production, or area as laid down in Annex IV, in order to limit the presence of the RNQPs listed in that Annex for the genus or species concerned.]

### Textual Amendments

- F2** Inserted by [Commission Implementing Directive \(EU\) 2020/177](#) of 11 February 2020 amending Council Directives 66/401/EEC, 66/402/EEC, 68/193/EEC, 2002/55/EC, 2002/56/EC and 2002/57/EC, Commission Directives 93/49/EEC and 93/61/EEC and Implementing Directives 2014/21/EU and 2014/98/EU as regards pests of plants on seeds and other plant reproductive material (Text with EEA relevance).

## CHAPTER 3

### SPECIFIC REQUIREMENTS FOR SUPPLIERS ENGAGED IN THE PRODUCTION OR REPRODUCTION OF PROPAGATING MATERIAL AND FRUIT PLANTS

#### *Article 28*

##### **Plan to identify and monitor critical points in the production process**

During the production of propagating material and fruit plants, Member States shall ensure that suppliers have in place, as appropriate for the relevant genera or species, a plan to identify and monitor critical points in the production process. That plan shall at least concern the following elements:

- (a) location and number of plants;
- (b) timing of their cultivation;
- (c) propagation operations;
- (d) packaging, storage and transportation operations.

#### *Article 29*

##### **Keeping information on the monitoring available for examination**

1 Member States shall ensure that the suppliers keep records with information on the monitoring of the critical points as referred to in Article 6(1) of Directive 2008/90/EC and, when requested, make them available for examination.

2 Those records shall remain available for a period of at least three years since the production of the material concerned.

3 Member States shall ensure that suppliers keep records of field inspections, sampling and testing as long as the respective propagating material and fruit plants are under their control, and for a period of at least three years after that propagating material and those fruit plants have been removed or marketed.

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## CHAPTER 4

### OFFICIAL INSPECTIONS

#### *Article 30*

#### **General requirements concerning official inspections**

- 1 Official inspections shall consist of visual inspections, and, where appropriate, of sampling and testing.
- 2 During the official inspections, the responsible official body shall pay particular attention to:
  - a the suitability and actual use of methods by the supplier for checking each of the critical points in the production process;
  - b the overall competence of the supplier's staff to carry out the activities set out in Article 6(1) of Directive 2008/90/EC.
- 3 Member States shall ensure that the responsible official bodies produce and keep records of the results and dates of all field inspections, sampling and testing carried out by them.

## CHAPTER 5

### FINAL PROVISIONS

#### *Article 31*

#### **Transposition**

- 1 Member States shall adopt and publish, by at the latest 31 December 2016, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from 1 January 2017.

When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

- 2 Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

#### *Article 32*

#### **Transitional measures**

Member States may until 31 December 2022 allow the marketing in their own territory of propagating material and fruit plants produced from pre-basic, basic and certified mother plants or CAC material which existed before 1 January 2017, and have been officially certified or meet the conditions to be qualified as CAC material before 31 December 2022. When marketed, such propagating material and fruit plants shall be identified by a reference to this Article on the label and a document.



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### *Article 33*

#### **Repeal**

Directive 93/48/EEC and Directive 93/64/EEC are repealed.

### *Article 34*

#### **Entry into force**

This Directive shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

### *Article 35*

#### **Addressees**

This Directive is addressed to the Member States.

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[<sup>F1</sup>ANNEX I

**List of RNQPs for the presence of which visual inspection, and, in the case of doubts, sampling and testing, are required pursuant to Article 9(1), Article 10(1), Article 16(1), Article 21(1) and Article 26(1)**

<b>Genus or species</b>	<b>RNQPs</b>
<b><i>Castanea sativa</i> Mill.</b>	<b>Fungi and oomycetes</b>
	<i>Cryphonectria parasitica</i> (Murrill) Barr [ENDOPA]
	<i>Mycosphaerella punctiformis</i> Verkley & U. Braun [RAMUEN]
	<i>Phytophthora cambivora</i> (Petri) Buisman [PHYTCM]
	<i>Phytophthora cinnamomi</i> Rands [PHYTCN]
	<b>Viruses, viroids, virus-like diseases and phytoplasmas</b>
	Chestnut mosaic agent
<b><i>Citrus</i> L., <i>Fortunella</i> Swingle, <i>Poncirus</i> Raf.</b>	<b>Fungi and oomycetes</b>
	<i>Phytophthora citrophthora</i> (R.E.Smith & E.H.Smith) Leonian [PHYTCO ]
	<i>Phytophthora nicotianae</i> var. <i>parasitica</i> (Dastur) Waterhouse [PHYTNP]
	<b>Insects and mites</b>
	<i>Aleurothrixus floccosus</i> Maskell [ALTHFL]
	<i>Parabemisia myricae</i> Kuwana [PRABMY]
	<b>Nematodes</b>
	<i>Pratylenchus vulnus</i> Allen & Jensen [PRATVU]
	<i>Tylenchulus semipenetrans</i> Cobb [TYLESE]
<b><i>Corylus avellana</i> L.</b>	<b>Bacteria</b>
	<i>Pseudomonas avellanae</i> Janse <i>et al.</i> [PSDMAL]
	<i>Xanthomonas arboricola</i> pv. <i>Corylina</i> (Miller, Bollen, Simmons, Gross & Barss) Vauterin, Hoste, Kersters & Swings [XANTCY]
	<b>Fungi and oomycetes</b>
	<i>Armillariella mellea</i> (Vahl) Kummer [ARMIME]

	<i>Verticillium albo-atrum</i> Reinke & Berthold [VERTAA]
	<i>Verticillium dahliae</i> Kleb [VERTDA]
	<b>Insects and mites</b>
	<i>Phytoptus avellanae</i> Nalepa [ERPHAV]
<b>Cydonia oblonga</b> Mill. and <b>Pyrus</b> L.	<b>Bacteria</b>
	<i>Agrobacterium tumefaciens</i> (Smith & Townsend) Conn [AGRBTU]
	<i>Erwinia amylovora</i> (Burrill) Winslow <i>et al.</i> [ERWIAM]
	<i>Pseudomonas syringae</i> pv. <i>Syringae</i> van Hall [PSDMSY]
	<b>Fungi and oomycetes</b>
	<i>Armillariella mellea</i> (Vahl) Kummer [ARMIME]
	<i>Chondrostereum purpureum</i> Pouzar [STERPU]
	<i>Glomerella cingulata</i> (Stoneman) Spaulding & von Schrenk [GLOMCI]
	<i>Neofabraea alba</i> Desmazières [PEZIAL]
	<i>Neofabraea malicorticis</i> Jackson [PEZIMA]
	<i>Neonectria ditissima</i> (Tulasne & C. Tulasne) Samuels & Rossman [NECTGA]
	<i>Phytophthora cactorum</i> (Lebert & Cohn) J.Schröter [PHYTCC]
	<i>Sclerophora pallida</i> Yao & Spooner [SKLPPA]
	<i>Verticillium albo-atrum</i> Reinke & Berthold [VERTAA]
	<i>Verticillium dahliae</i> Kleb [VERTDA]
	<b>Insects and mites</b>
	<i>Eriosoma lanigerum</i> Hausmann [ERISLA]
	<i>Psylla</i> spp. Geoffroy [1PSYLG]
	<b>Nematodes</b>
	<i>Meloidogyne hapla</i> Chitwood [MELGHA]
	<i>Meloidogyne javanica</i> Chitwood [MELGJA]
	<i>Pratylenchus penetrans</i> (Cobb) Filipjev & Schuurmans-Stekhoven [PRATPE]

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	<i>Pratylenchus vulnus</i> Allen & Jensen [PRATVU]
<b><i>Ficus carica</i> L.</b>	<b>Bacteria</b>
	<i>Xanthomonas campestris</i> pv. <i>fici</i> (Cavara) Dye [XANTFI]
	<b>Fungi and oomycetes</b>
	<i>Armillariella mellea</i> (Vahl) Kummer [ARMIME]
	<b>Insects and mites</b>
	<i>Ceroplastes rusci</i> Linnaeus [CERPRU]
	<b>Nematodes</b>
	<i>Heterodera fici</i> Kirjanova [HETDFI]
	<i>Meloidogyne arenaria</i> Chitwood [MELGAR]
	<i>Meloidogyne incognita</i> (Kofold & White) Chitwood [MELGIN]
	<i>Meloidogyne javanica</i> Chitwood [MELGJA]
	<i>Pratylenchus penetrans</i> (Cobb) Filipjev & Schuurmans-Stekhoven [PRATPE]
	<i>Pratylenchus vulnus</i> Allen & Jensen [PRATVU]
	<b>Viruses, viroids, virus-like diseases and phytoplasmas</b>
	Fig mosaic agent [FGM000]
<b><i>Fragaria</i> L.</b>	<b>Bacteria</b>
	<i>Candidatus Phlomobacter fragariae</i> Zreik, Bové & Garnier [PHMBFR]
	<b>Fungi and oomycetes</b>
	<i>Podosphaera aphanis</i> (Wallroth) Braun & Takamatsu [PODOAP]
	<i>Rhizoctonia fragariae</i> Hussain & W.E.McKeen [RHIZFR]
	<i>Verticillium albo-atrum</i> Reinke & Berthold [VERTAA]
	<i>Verticillium dahliae</i> Kleb [VERTDA]
	<b>Insects and mites</b>
	<i>Chaetosiphon fragaefolii</i> Cockerell [CHTSFR]
	<i>Phytonemus pallidus</i> Banks [TARSPA]

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	<b>Nematodes</b>
	<i>Ditylenchus dipsaci</i> (Kuehn) Filipjev [DITYDI]
	<i>Meloidogyne hapla</i> Chitwood [MELGHA]
	<i>Pratylenchus vulnus</i> Allen & Jensen [PRATVU]
	<b>Viruses, viroids, virus-like diseases and phytoplasmas</b>
	<i>Candidatus Phytoplasma asteris</i> Lee <i>et al.</i> [PHYPAS]
	<i>Candidatus Phytoplasma australiense</i> Davis <i>et al.</i> [PHYPAU]
	<i>Candidatus Phytoplasma fragariae</i> Valiunas, Stanilulis & Davis [PHYPPG]
	<i>Candidatus Phytoplasma pruni</i> [PHYPPN]
	<i>Candidatus Phytoplasma solani</i> Quaglino <i>et al.</i> [PHYPSO]
	<i>Clover phyllody</i> phytoplasma [PHYP03]
	Strawberry multiplier disease phytoplasma [PHYP75]
<b><i>Juglans regia</i> L.</b>	<b>Bacteria</b>
	<i>Agrobacterium tumefaciens</i> (Smith & Townsend) Conn [AGRBTU]
	<i>Xanthomonas arboricola</i> pv. <i>Juglandi</i> (Pierce) Vauterin <i>et al.</i> [XANTJU]
	<b>Fungi and oomycetes</b>
	<i>Armillariella mellea</i> (Vahl) Kummer [ARMIME]
	<i>Chondrostereum purpureum</i> Pouzar [STERPU]
	<i>Neonectria ditissima</i> (Tulasne & C. Tulasne) Samuels & Rossman [NECTGA] <i>Phytophthora cactorum</i> (Lebert & Cohn) J.Schröter [PHYTCC]
	<b>Insects and mites</b>
	<i>Epidiaspis leperii</i> Signoret [EPIDBE]
	<i>Pseudaulacaspis pentagona</i> Targioni-Tozzetti [PSEAPE]
	<i>Quadraspidiotus perniciosus</i> Comstock [QUADPE]

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<b><i>Malus Mill.</i></b>	<b>Bacteria</b>
	<i>Agrobacterium tumefaciens</i> (Smith & Townsend) Conn [AGRBTU]
	<i>Erwinia amylovora</i> (Burrill) Winslow <i>et al.</i> [ERWIAM]
	<i>Pseudomonas syringae</i> pv. <i>Syringae</i> van Hall [PSDMSY]
	<b>Fungi and oomycetes</b>
	<i>Armillariella mellea</i> (Vahl) Kummer [ARMIME]
	<i>Chondrostereum purpureum</i> Pouzar [STERPU]
	<i>Glomerella cingulata</i> (Stoneman) Spaulding & von Schrenk [GLOMCI]
	<i>Neofabraea alba</i> Desmazières [PEZIAL]
	<i>Neofabraea malicorticis</i> Jackson [PEZIMA] <i>Neonectria ditissima</i> (Tulasne & C. Tulasne) Samuels & Rossman [NECTGA] <i>Phytophthora cactorum</i> (Lebert & Cohn) J.Schröter [PHYTCC] <i>Sclerophora pallida</i> Yao & Spooner [SKLPPA] <i>Verticillium albo-atrum</i> Reinke & Berthold [VERTAA] <i>Verticillium dahliae</i> Kleb [VERTDA]
	<b>Insects and mites</b>
	<i>Eriosoma lanigerum</i> Hausmann [ERISLA] <i>Psylla</i> spp. Geoffroy [1PSYLG]
	<b>Nematodes</b>
	<i>Meloidogyne hapla</i> Chitwood [MELGHA] <i>Meloidogyne javanica</i> Chitwood [MELGJA] <i>Pratylenchus penetrans</i> (Cobb) Filipjev & Schuurmans-Stekhoven [PRATPE] <i>Pratylenchus vulnus</i> Allen & Jensen [PRATVU]
<b><i>Olea europaea L.</i></b>	<b>Bacteria</b>
	<i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> (Smith) Gardan <i>et al.</i> [PSDMSA]
	<b>Nematodes</b>
	<i>Meloidogyne arenaria</i> Chitwood [MELGAR] <i>Meloidogyne incognita</i> (Kofold & White) Chitwood [MELGIN] <i>Meloidogyne javanica</i> Chitwood [MELGJA]

	<i>Pratylenchus vulnus</i> Allen & Jensen [PRATVU]
	<b>Viruses, viroids, virus-like diseases and phytoplasmas</b>
	Olive leaf yellowing-associated virus [OLYAV0] Olive vein yellowing-associated virus [OVYAV0] Olive yellow mottling and decline associated virus [OYMDAV]
<b><i>Pistacia vera</i> L.</b>	<b>Fungi and oomycetes</b>
	<i>Phytophthora cambivora</i> (Petri) Buisman [PHYTCM] <i>Phytophthora cryptogea</i> Pethybridge & Lafferty [PHYTCR] <i>Rosellinia necatrix</i> Prillieux [ROSLNE] <i>Verticillium dahliae</i> Kleb [VERTDA]
	<b>Nematodes</b>
	<i>Pratylenchus penetrans</i> (Cobb) Filipjev & Schuurmans-Stekhoven [PRATPE] <i>Pratylenchus vulnus</i> Allen & Jensen [PRATVU]
<b><i>Prunus domestica</i> L., and <i>Prunus dulcis</i> (Miller) Webb</b>	<b>Bacteria</b>
	<i>Agrobacterium tumefaciens</i> (Smith & Townsend) Conn [AGRBTU] <i>Pseudomonas syringae</i> pv. <i>morsprunorum</i> (Wormald) Young, Dye & Wilkie [PSDMMP]
	<b>Fungi and oomycetes</b>
	<i>Phytophthora cactorum</i> (Lebert & Cohn) J.Schröter [PHYTCC] <i>Verticillium dahliae</i> Kleb [VERTDA]
	<b>Insects and mites</b>
	<i>Pseudaulacaspis pentagona</i> Targioni-Tozzetti [PSEAPE]
	<i>Quadraspidotus perniciosus</i> Comstock [QUADPE]
	<b>Nematodes</b>
	<i>Meloidogyne arenaria</i> Chitwood [MELGAR] <i>Meloidogyne incognita</i> (Kofold & White) Chitwood [MELGIN] <i>Meloidogyne javanica</i> Chitwood [MELGJA] <i>Pratylenchus penetrans</i> (Cobb) Filipjev & Schuurmans-Stekhoven [PRATPE]

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	<i>Pratylenchus vulnus</i> Allen & Jensen [PRATVU]
<b><i>Prunus armeniaca</i> L.</b>	<b>Bacteria</b>
	<i>Agrobacterium tumefaciens</i> (Smith & Townsend) Conn [AGRBTU] <i>Pseudomonas syringae</i> pv. <i>morsprunorum</i> (Wormald) Young, Dye & Wilkie [PSDMMP] <i>Pseudomonas syringae</i> pv. <i>Syringae</i> van Hall [PSDMSY] <i>Pseudomonas viridiflava</i> (Burkholder) Dowson [PSDMVF]
	<b>Fungi and oomycetes</b>
	<i>Phytophthora cactorum</i> (Lebert & Cohn) J.Schröter [PHYTCC]
	<i>Verticillium dahliae</i> Kleb [VERTDA]
	<b>Insects and mites</b>
	<i>Pseudaulacaspis pentagona</i> Targioni-Tozzetti [PSEAPE]
	<i>Quadraspidotus perniciosus</i> Comstock [QUADPE]
	<b>Nematodes</b>
	<i>Meloidogyne arenaria</i> Chitwood [MELGAR] <i>Meloidogyne incognita</i> (Kofold & White) Chitwood [MELGIN] <i>Meloidogyne javanica</i> Chitwood [MELGJA] <i>Pratylenchus penetrans</i> (Cobb) Filipjev & Schuurmans-Stekhoven [PRATPE] <i>Pratylenchus vulnus</i> Allen & Jensen [PRATVU]
<b><i>Prunus avium</i> L. and <i>Prunus cerasus</i> L.</b>	<b>Bacteria</b>
	<i>Agrobacterium tumefaciens</i> (Smith & Townsend) Conn [AGRBTU]
	<i>Pseudomonas syringae</i> pv. <i>morsprunorum</i> (Wormald) Young, Dye & Wilkie [PSDMMP]
	<b>Fungi and oomycetes</b>
	<i>Phytophthora cactorum</i> (Lebert & Cohn) J.Schröter [PHYTCC]
	<b>Insects and mites</b>
	<i>Quadraspidotus perniciosus</i> Comstock [QUADPE]
	<b>Nematodes</b>



	<p><i>Meloidogyne arenaria</i> Chitwood [MELGAR]  <i>Meloidogyne incognita</i> (Kofold &amp; White) Chitwood [MELGIN]  <i>Meloidogyne javanica</i> Chitwood [MELGJA]  <i>Pratylenchus penetrans</i> (Cobb) Filipjev &amp; Schuurmans-Stekhoven [PRATPE]  <i>Pratylenchus vulnus</i> Allen &amp; Jensen [PRATVU]</p>
<b><i>Prunus persica</i> (L.) Batsch and <i>Prunus salicina</i> Lindley</b>	<b>Bacteria</b>
	<p><i>Agrobacterium tumefaciens</i> (Smith &amp; Townsend) Conn [AGRBTU]  <i>Pseudomonas syringae</i> pv. <i>morsprunorum</i> (Wormald) Young, Dye &amp; Wilkie [PSDMMP]  <i>Pseudomonas syringae</i> pv. <i>persicae</i> (Prunier, Luisetti &amp; Gardan) Young, Dye &amp; Wilkie [PSDMPE]</p>
	<b>Fungi and oomycetes</b>
	<p><i>Phytophthora cactorum</i> (Lebert &amp; Cohn) J.Schröter [PHYTCC]  <i>Verticillium dahliae</i> Kleb [VERTDA]</p>
	<b>Insects and mites</b>
	<p><i>Pseudaulacaspis pentagona</i> Targioni-Tozzetti [PSEAPE]  <i>Quadraspidotus perniciosus</i> Comstock [QUADPE]</p>
	<b>Nematodes</b>
	<p><i>Meloidogyne arenaria</i> Chitwood [MELGAR]  <i>Meloidogyne incognita</i> (Kofold &amp; White) Chitwood [MELGIN]  <i>Meloidogyne javanica</i> Chitwood [MELGJA]  <i>Pratylenchus penetrans</i> (Cobb) Filipjev &amp; Schuurmans-Stekhoven [PRATPE]  <i>Pratylenchus vulnus</i> Allen &amp; Jensen [PRATVU]</p>
<b><i>Ribes</i> L.</b>	<b>Fungi and oomycetes</b>
	<p><i>Diaporthe strumella</i> (Fries) Fuckel [DIAPST]  <i>Microsphaera grossulariae</i> (Wallroth) Lévillé [MCRSGR]  <i>Podosphaera mors-uvae</i> (Schweinitz) Braun &amp; Takamatsu [SPHRMU]</p>
	<b>Insects and mites</b>
	<p><i>Cecidophyopsis ribis</i> Westwood [ERPHRI]  <i>Dasineura tetensi</i> Rübsaamen [DASYTE]</p>

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	<p><i>Pseudaulacaspis pentagona</i> Targioni-Tozzetti [PSEAPE]  <i>Quadraspidotus perniciosus</i> Comstock [QUADPE]  <i>Tetranychus urticae</i> Koch [TETRUR]</p>
	<p><b>Nematodes</b>  <i>Aphelenchoides ritzemabosi</i> (Schwartz) Steiner &amp; Buhner [APLORI]  <i>Ditylenchus dipsaci</i> (Kuehn) Filipjev [DITYDI]  <b>Viruses, viroids, virus-like diseases and phytoplasmas</b>  Aucuba mosaic agent and blackcurrant yellows agent combined</p>
<b><i>Rubus</i> L.</b>	<b>Bacteria</b>
	<p><i>Agrobacterium</i> spp. Conn [1AGRBG]  <i>Rhodococcus fascians</i> Tilford [CORBFA]  <b>Fungi and oomycetes</b>  <i>Peronospora rubi</i> Rabenhorst [PERORU]  <b>Insects and mites</b>  <i>Resseliella theobaldi</i> Barnes [THOMTE]</p>
<b><i>Vaccinium</i> L.</b>	<b>Bacteria</b>
	<p><i>Agrobacterium tumefaciens</i> (Smith &amp; Townsend) Conn [AGRBTU]  <b>Fungi and oomycetes</b>  <i>Diaporthe vaccinii</i> Shear [DIAPVA]  <i>Exobasidium vaccinii</i> (Fuckel) Woronin [EXOBVA]  <i>Godronia cassandrae</i> (anamorph Topospora myrtilli) Peck [GODRCA]</p>

## ANNEX II

**List of RNQPs for the presence of which visual inspection, and, where applicable, sampling and testing are required pursuant to Article 9(2) and (4), Article 10(1), Article 16(1), Article 21(1), Article 26(1), and Annex IV**

<b>Genus or species</b>	<b>RNQPs</b>
<b><i>Citrus</i> L., <i>Fortunella</i> Swingle and <i>Poncirus</i> Raf.</b>	<b>Bacteria</b>
	<i>Spiroplasma citri</i> Saglio <i>et al.</i> [SPIRCI]
	<b>Fungi and oomycetes</b>
	<i>Plenodomus tracheiphilus</i> (Petri) Gruyter, Aveskamp & Verkley [DEUTTR]

	<b>Viruses, viroids, virus-like diseases and phytoplasmas</b>
	<i>Citrus cristacortis</i> agent [CSCC00] <i>Citrus exocortis</i> viroid [CEVD00] <i>Citrus impietratura</i> agent [CSI000] <i>Citrus</i> leaf blotch virus [CLBV00] <i>Citrus psorosis</i> virus [CPSV00] <i>Citrus tristeza</i> virus (EU isolates) [CTV000] <i>Citrus</i> variegation virus [CVV000] Hop stunt viroid [HSVD00]
<b><i>Corylus avellana</i> L.</b>	<b>Viruses, viroids, virus-like diseases and phytoplasmas</b>
	Apple mosaic virus [APMV00]
<b><i>Cydonia oblonga</i> Mill.</b>	<b>Viruses, viroids, virus-like diseases and phytoplasmas</b>
	Apple chlorotic leaf spot virus [ACLSV0] Apple rubbery wood agent [ARW000] Apple stem grooving virus [ASGV00] Apple stem-pitting virus [ASPV00] Pear bark necrosis agent [PRBN00] Pear bark split agent [PRBS00] Pear blister canker viroid [PBCVD0] Pear rough bark agent [PRRB00] Quince yellow blotch agent [ARW000]
<b><i>Fragaria</i> L.</b>	<b>Bacteria</b>
	<i>Xanthomonas fragariae</i> Kennedy & King [XANTFR] <b>Fungi and oomycetes</b> <i>Colletotrichum acutatum</i> Simmonds [COLLAC] <i>Phytophthora cactorum</i> (Lebert & Cohn) J.Schröter [PHYTCC] <i>Phytophthora fragariae</i> C.J. Hickman [PHYTFR] <b>Nematodes</b> <i>Aphelenchoides besseyi</i> Christie [APLOBE] <i>Aphelenchoides blastophthorus</i> Franklin [APLOBL] <i>Aphelenchoides fragariae</i> (Ritzema Bos) Christie [APLOFR] <i>Aphelenchoides ritzemabosi</i> (Schwartz) Steiner & Buhner [APLORI]
	<b>Viruses, viroids, virus-like diseases and phytoplasmas</b> <i>Arabidopsis</i> mosaic virus [ARMV00] Raspberry ringspot virus [RPRSV0] Strawberry crinkle virus [SCRV00] Strawberry latent ringspot virus [SLRSV0]

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	<p>Strawberry mild yellow edge virus [SMYEV0]          Strawberry mottle virus [SMOV00]          Strawberry vein banding virus [SVBV00]          Tomato black ring virus [TBRV00]</p>
<b><i>Juglans regia</i> L</b>	<p><b>Viruses, viroids, virus-like diseases and phytoplasmas</b></p> <p>Cherry leaf roll virus [CLRV00]</p>
<b><i>Malus</i> Mill.</b>	<p><b>Viruses, viroids, virus-like diseases and phytoplasmas</b></p> <p>Apple chlorotic leaf spot virus [ACLSV0]          Apple dimple fruit viroid [ADFVD0]          Apple flat limb agent [AFL000]          Apple mosaic virus [APMV00]          Apple rubbery wood agent [ARW000]          Apple scar skin viroid [ASSVD0]          Apple star crack agent [APHW00]          Apple stem grooving virus [ASGV00]          Apple stem-pitting virus [ASPV00]  <i>Candidatus</i> Phytoplasma <i>mali</i> Seemüller &amp; Schneider [PHYPPMA]          Fruit disorders: chat fruit [APCF00], green crinkle [APGC00], bumpy fruit of Ben Davis, rough skin [APRSK0], star crack, russet ring [APLP00], russet wart</p>
<b><i>Olea europaea</i> L.</b>	<p><b>Fungi and oomycetes</b></p> <p><i>Verticillium dahliae</i> Kleb [VERTDA]</p> <p><b>Viruses, viroids, virus-like diseases and phytoplasmas</b></p> <p><i>Arabis</i> mosaic virus [ARMV00]          Cherry leaf roll virus [CLRV00]          Strawberry latent ringspot virus [SLRSV0]</p>
<b><i>Prunus dulcis</i> (Miller) Webb</b>	<p><b>Bacteria</b></p> <p><i>Xanthomonas arboricola</i> pv. <i>pruni</i> (Smith) Vauterin <i>et al.</i> [XANTPR]</p> <p><b>Viruses, viroids, virus-like diseases and phytoplasmas</b></p> <p>Apple chlorotic leaf spot virus [ACLSV0]          Apple mosaic virus [APMV00]  <i>Candidatus</i> Phytoplasma <i>prunorum</i> Seemüller &amp; Schneider [PHYPPR]          Plum pox virus [PPV000]          Prune dwarf virus [PDV000]  <i>Prunus</i> necrotic ringspot virus [PNRSV0]</p>
<b><i>Prunus armeniaca</i> L.</b>	<p><b>Bacteria</b></p> <p><i>Xanthomonas arboricola</i> pv. <i>pruni</i> (Smith) Vauterin <i>et al.</i> [XANTPR]</p> <p><b>Viruses, viroids, virus-like diseases and phytoplasmas</b></p> <p>Apple chlorotic leaf spot virus [ACLSV0]</p>

	<p>Apple mosaic virus [APMV00]                  Apricot latent virus [ALV000]  <i>Candidatus</i> Phytoplasma <i>prunorum</i>                  Seemüller &amp; Schneider [PHYPPR]                  Plum pox virus [PPV000]                  Prune dwarf virus [PDV000]  <i>Prunus</i> necrotic ringspot virus [PNRSV0]</p>
<p><b><i>Prunus avium</i> L. and <i>Prunus cerasus</i> L.</b></p>	<p><b>Bacteria</b>  <i>Xanthomonas arboricola</i> pv. <i>pruni</i> (Smith)                  Vauterin <i>et al.</i> [XANTPR]  <b>Viruses, viroids, virus-like diseases and phytoplasmas</b>                  Apple chlorotic leaf spot virus [ACLSV0]                  Apple mosaic virus [APMV00]  <i>Arabis</i> mosaic virus [ARMV00]  <i>Candidatus</i> Phytoplasma <i>prunorum</i>                  Seemüller &amp; Schneider [PHYPPR]                  Cherry green ring mottle virus [CGRMV0]                  Cherry leaf roll virus [CLRV00]                  Cherry mottle leaf virus [CMLV00]                  Cherry necrotic rusty mottle virus [CRNRM0]                  Little cherry virus 1 and 2 [LCHV10], [LCHV20]                  Plum pox virus [PPV000]                  Prune dwarf virus [PDV000]  <i>Prunus</i> necrotic ringspot virus [PNRSV0]                  Raspberry ringspot virus [RPRSV0]                  Strawberry latent ringspot virus [SLRSV0]                  Tomato black ring virus [TBRV00]</p>
<p><b><i>Prunus domestica</i> L., <i>Prunus salicina</i> Lindley, and other species of <i>Prunus</i> L. susceptible to Plum pox virus in the case of <i>Prunus</i> L. hybrids</b></p>	<p><b>Bacteria</b>  <i>Xanthomonas arboricola</i> pv. <i>pruni</i> (Smith)                  Vauterin <i>et al.</i> [XANTPR]  <b>Viruses, viroids, virus-like diseases and phytoplasmas</b>                  Apple chlorotic leaf spot virus [ACLSV0]                  Apple mosaic virus [APMV00]  <i>Candidatus</i> Phytoplasma <i>prunorum</i>                  Seemüller &amp; Schneider [PHYPPR]                  Myrobalan latent ringspot virus [MLRSV0]                  Plum pox virus [PPV000]                  Prune dwarf virus [PDV000]  <i>Prunus</i> necrotic ringspot virus [PNRSV0]</p>
<p><b><i>Prunus persica</i> (L.) Batsch</b></p>	<p><b>Bacteria</b>  <i>Xanthomonas arboricola</i> pv. <i>pruni</i> (Smith)                  Vauterin <i>et al.</i> [XANTPR]  <b>Viruses, viroids, virus-like diseases and phytoplasmas</b>                  Apple chlorotic leaf spot virus [ACLSV0]                  Apple mosaic virus [APMV00]                  Apricot latent virus [ALV000]</p>

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	<p><i>Candidatus</i> Phytoplasma <i>prunorum</i> Seemüller &amp; Schneider [PHYPPR] Peach latent mosaic viroid [PLMVD0] Plum pox virus [PPV000] Prune dwarf virus [PDV000] <i>Prunus</i> necrotic ringspot virus [PNRSV0] Strawberry latent ringspot virus [SLRSV0]</p>
<b><i>Pyrus</i> L.</b>	<p><b>Viruses, viroids, virus-like diseases and phytoplasmas</b> Apple chlorotic leaf spot virus [ACLSV0] Apple rubbery wood agent [ARW000] Apple stem grooving virus [ASGV00] Apple stem-pitting virus [ASPV00] <i>Candidatus</i> Phytoplasma <i>pyri</i> Seemüller &amp; Schneider [PHYPPY] Pear bark necrosis agent [PRBN00] Pear bark split agent [PRBS00] Pear blister canker viroid [PBCVD0] Pear rough bark agent [PRRB00] Quince yellow blotch agent [ARW000]</p>
<b><i>Ribes</i> L.</b>	<p><b>Viruses, viroids, virus-like diseases and phytoplasmas</b> <i>Arabis</i> mosaic virus [ARMV00] Blackcurrant reversion virus [BRAV00] Cucumber mosaic virus [CMV000] Gooseberry vein banding associated virus [GOVB00] Raspberry ringspot virus [RPRSV0] Strawberry latent ringspot virus [SLRSV0]</p>
<b><i>Rubus</i> L.</b>	<p><b>Fungi and oomycetes</b> <i>Phytophthora</i> spp. de Bary [1PHYTG] <b>Viruses, viroids, virus-like diseases and phytoplasmas</b> Apple mosaic virus [APMV00] <i>Arabis</i> mosaic virus [ARMV00] Black raspberry necrosis virus [BRNV00] <i>Candidatus</i> Phytoplasma <i>rubi</i> Malembic-Maher <i>et al.</i> [PHYPRU] Cucumber mosaic virus [CMV000] Raspberry bushy dwarf virus [RBDV00]</p>
	<p>Raspberry leaf mottle virus [RLMV00] Raspberry ringspot virus [RPRSV0] Raspberry vein chlorosis virus [RVCV00] Raspberry yellow spot [RYS000] <i>Rubus</i> yellow net virus [RYNV00] Strawberry latent ringspot virus [SLRSV0] Tomato black ring virus [TBRV00]</p>
<b><i>Vaccinium</i> L.</b>	<p><b>Viruses, viroids, virus-like diseases and phytoplasmas</b></p>

	<p>Blueberry mosaic associated ophiovirus [BLMAV0]                  Blueberry red ringspot virus [BRRV00]                  Blueberry scorch virus [BLSCV0]                  Blueberry shock virus [BLSHV0]                  Blueberry shoestring virus [BSSV00]  <i>Candidatus</i> Phytoplasma <i>asteris</i> Lee <i>et al.</i> [PHYPAS]  <i>Candidatus</i> Phytoplasma <i>pruni</i> [PHYPPN]  <i>Candidatus</i> Phytoplasma <i>solani</i> Quaglino <i>et al.</i> [PHYPSO]                  Cranberry false blossom phytoplasma [PHYPFB]</p>
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### ANNEX III

#### List of RNQPs whose presence in soil is provided for in Article 11(1) and (2), Article 17(1) and (2), and Article 22(1) and (2)

Genus or species	RNQPs
<b><i>Fragaria</i> L.</b>	<b>Nematodes</b>
	<p><i>Longidorus attenuatus</i> Hooper [LONGAT]  <i>Longidorus elongatus</i> (de Man) Thorne &amp; Swanger [LONGEL]  <i>Longidorus macrosoma</i> Hooper [LONGMA]  <i>Xiphinema diversicaudatum</i> (Mikoletzky) Thorne [XIPHDI]</p>
<b><i>Juglans regia</i> L.</b>	<b>Nematodes</b>
	<p><i>Xiphinema diversicaudatum</i> (Mikoletzky) Thorne [XIPHDI]</p>
<b><i>Olea europaea</i> L.</b>	<b>Nematodes</b>
	<p><i>Xiphinema diversicaudatum</i> (Mikoletzky) Thorne [XIPHDI]</p>
<b><i>Pistacia vera</i> L.</b>	<b>Nematodes</b>
	<p><i>Xiphinema index</i> Thorne &amp; Allen [XIPHIN]</p>
<b><i>Prunus avium</i> L. and <i>Prunus cerasus</i> L.</b>	<b>Nematodes</b>
	<p><i>Longidorus attenuatus</i> Hooper [LONGAT]  <i>Longidorus elongatus</i> (de Man) Thorne &amp; Swanger [LONGEL]  <i>Longidorus macrosoma</i> Hooper [LONGMA]  <i>Xiphinema diversicaudatum</i> (Mikoletzky) Thorne [XIPHDI]</p>
<b><i>Prunus domestica</i> L., <i>Prunus persica</i> (L.) Batsch and <i>Prunus salicina</i> Lindley</b>	<b>Nematodes</b>
	<p><i>Longidorus attenuatus</i> Hooper [LONGAT]</p>

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	<i>Longidorus elongatus</i> (de Man) Thorne & Swanger [LONGEL] <i>Xiphinema diversicaudatum</i> (Mikoletzky) Thorne [XIPHDI]
<b><i>Ribes L.</i></b>	<b>Nematodes</b>
	<i>Longidorus elongatus</i> (de Man) Thorne & Swanger [LONGEL] <i>Longidorus macrosoma</i> Hooper [LONGMA] <i>Xiphinema diversicaudatum</i> (Mikoletzky) Thorne [XIPHDI]
<b><i>Rubus L.</i></b>	<b>Nematodes</b>
	<i>Longidorus attenuatus</i> Hooper [LONGAT] <i>Longidorus elongatus</i> (de Man) Thorne & Swanger [LONGEL] <i>Longidorus macrosoma</i> Hooper [LONGMA] <i>Xiphinema diversicaudatum</i> (Mikoletzky) Thorne [XIPHDI]

## ANNEX IV

### Requirements concerning measures per genera or species and category pursuant to Article 10(4), Article 16(4), Article 21(4) and Article 26(2)

Propagating material shall comply with the requirements concerning Union quarantine pests and protected zone quarantine pests provided for in implementing acts adopted pursuant to Regulation (EU) 2016/2031, as well as the measures adopted pursuant to Article 30(1) of that Regulation.

Moreover, it shall comply with the following requirements per genera or species and category concerned:

1. ***Castanea sativa* Mill.**

(a) **All categories**

*Visual inspection*

Visual inspections shall be carried out once a year.

*Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs listed in Annex I.

(b) **Pre-basic category**

*Requirements with regard to the production site, place of production or area*

In the case where a derogation is allowed to produce pre-basic material in the field under non-insect proof conditions, pursuant to Commission Implementing Decision (EU) 2017/925<sup>(6)</sup>, the following requirements shall apply concerning *Cryphonectria parasitica* (Murrill) Barr:

- (i) propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from *Cryphonectria parasitica* (Murrill) Barr; or



(ii) no symptoms of *Cryphonectria parasitica* (Murrill) Barr are observed at the site of production on propagating material and fruit plants of the pre-basic category since the beginning of the last complete cycle of vegetation.

(c) **Basic category**

*Requirements with regard to the production site, place of production or area*

(i) propagating material and fruit plants of the basic category shall be produced in areas known to be free from *Cryphonectria parasitica* (Murrill) Barr; or

(ii) no symptoms of *Cryphonectria parasitica* (Murrill) Barr are observed at the site of production on propagating material and fruit plants of the basic category since the beginning of the last complete cycle of vegetation.

(d) **Certified and CAC categories**

*Requirements with regard to the production site, place of production or area*

(i) propagating material and fruit plants of the certified and CAC categories shall be produced in areas known to be free from *Cryphonectria parasitica* (Murrill) Barr; or

(ii) no symptoms of *Cryphonectria parasitica* (Murrill) Barr are observed at the site of production on propagating material and fruit plants of the certified and CAC categories since the beginning of the last complete cycle of vegetation; or

(iii) propagating material and fruit plants of the certified and CAC categories showing symptoms of *Cryphonectria parasitica* (Murrill) Barr have been rogued out, the remaining propagating material and fruit plants shall be inspected at weekly intervals and no symptoms are observed at the site of production for at least three weeks before dispatch.

2. **Citrus L., Fortunella Swingle and Poncirus Raf.**

(a) **Pre-basic category**

*Visual inspection*

Visual inspections shall be carried out twice a year.

*Sampling and testing*

Each pre-basic mother plant shall be sampled and tested every year concerning the presence of *Spiroplasma citri* Saglio *et al.* Each pre-basic mother plant shall be sampled and tested three years after its acceptance as a pre-basic mother plant and with subsequent intervals of three years concerning the presence of *Citrus tristeza* virus (EU isolates).

Each pre-basic mother plant shall be sampled and tested six years after its acceptance as a pre-basic mother plant and with subsequent intervals of six years concerning the presence of RNQPs, other than *Citrus tristeza* virus (EU isolates) and *Spiroplasma citri* Saglio *et al.*, listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

(b) **Basic category**

*Visual inspection*

Visual inspections shall be carried out twice a year with regard to *Citrus tristeza* virus (EU isolates), *Spiroplasma citri* Saglio *et al.* and *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley. Visual inspections shall be carried out once a year for all RNQPs, other than *Citrus tristeza* virus (EU isolates), *Spiroplasma citri* Saglio *et al.* and *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley, listed in Annexes I and II.

*Sampling and testing*

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In the case of basic mother plants which have been maintained in insect proof facilities, each basic mother plant shall be sampled and tested every three years concerning the presence of *Citrus tristeza* virus (EU isolates). A representative portion of basic mother plants shall be sampled and tested every three years concerning the presence of *Spiroplasma citri* Saglio *et al.*

In the case of basic mother plants which have not been maintained in insect proof facilities, a representative portion of basic mother plants shall be sampled and tested every year concerning the presence of *Citrus tristeza* virus (EU isolates) and *Spiroplasma citri* Saglio *et al.* in order to have all mother plants tested within an interval of 2 years. In the case of a positive test result for *Citrus tristeza* virus (EU isolates) all basic mother plants in the production site shall be sampled and tested. A representative portion of basic mother plants which have not been maintained in insect proof facilities shall be sampled and tested every six years on the basis of an assessment of the risk of infection of those plants concerning the presence of RNQPs, other than *Citrus tristeza* virus (EU isolates) and *Spiroplasma citri* Saglio *et al.*, listed in Annexes I and II.

**(c) Certified category**

*Visual inspection*

Visual inspections shall be carried out twice a year with regard to *Citrus tristeza* virus (EU isolates), *Spiroplasma citri* Saglio *et al.* and *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley. Visual inspections shall be carried out once a year for all RNQPs, other than *Citrus tristeza* virus (EU isolates), *Spiroplasma citri* Saglio *et al.* and *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley, listed in Annexes I and II.

*Sampling and testing*

In the case of certified mother plants which have been maintained in insect proof facilities, a representative portion of certified mother plants shall be sampled and tested every four years concerning the presence of *Citrus tristeza* virus (EU isolates) in order to have all mother plants tested within an interval of 8 years.

In the case of certified mother plants which have not been maintained in insect proof facilities, a representative portion of certified mother plants shall be sampled and tested every year concerning the presence of *Citrus tristeza* virus (EU isolates) in order to have all mother plants tested within an interval of 3 years. A representative portion of certified mother plants which have not been maintained in insect proof facilities shall be sampled and tested in the case of doubts concerning the presence of pests, other than *Citrus tristeza* virus (EU isolates), listed in Annexes I and II.

In the case of a positive test result for *Citrus tristeza* virus (EU isolates) all certified mother plants in the production site shall be sampled and tested.

**(d) Basic and certified categories**

*Requirements with regard to the production site, place of production or area*

- (i) propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from *Citrus tristeza* virus (EU isolates), *Spiroplasma citri* Saglio *et al.* and *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley; or
- (ii) in the case of propagating material and fruit plants of the basic and certified categories which have been grown in insect proof facilities, no symptoms of *Spiroplasma citri* Saglio *et al.* or *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley are observed on that propagating material and those fruit plants over the last complete growing season and the material has been subjected to random sampling and testing *Citrus tristeza* virus (EU isolates) before marketing; or

- (iii) in the case of propagating material and fruit plants of the certified category which have not been grown in insect proof facilities, no symptoms of *Spiroplasma citri* Saglio *et al.* or *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley are observed on that propagating material and those fruit plants over the last complete growing season, and a representative portion of the material has been sampled and tested for *Citrus tristeza* virus (EU isolates) before marketing; or
- (iv) in the case of propagating material and fruit plants of the certified category which have not been grown in insect proof facilities:
  - symptoms of *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley or *Spiroplasma citri* Saglio *et al.* are observed on no more than 2 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; and
  - a representative portion of propagating material and fruit plants of the certified category has been sampled and tested for *Citrus tristeza* virus (EU isolates), before marketing and no more than 2 % of propagating material and fruit plants of the certified category in the production site have been found positive over the last complete growing season. That propagating material and those fruit plants have been rogued out and immediately destroyed. Propagating material and fruit plants in the immediate vicinity have been subjected to random sampling and testing, and any propagating material and fruit plants which have been found positive have been rogued out and immediately destroyed.

(e) **CAC category**

*Visual inspection*

Visual inspections shall be carried out once a year.

*Sampling and testing*

Propagating material and fruit plants of the CAC category shall derive from an identified source of material, which has been found free, on the basis of visual inspection, sampling and testing, from the RNQPs as listed in Annex II.

In the case the identified source of material has been maintained in insect proof facilities, a representative portion of that material shall be sampled and tested every eight years concerning the presence of *Citrus tristeza* virus (EU isolates).

In the case the identified source of material has not been maintained in insect-proof facilities, a representative portion of that material shall be sampled and tested every three years concerning the presence of *Citrus tristeza* virus (EU isolates).

*Requirements with regard to the production site, place of production or area*

- (i) propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Citrus tristeza* virus (EU isolates), *Spiroplasma citri* Saglio *et al.* and *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley; or
- (ii) in the case of propagating material and fruit plants of the CAC category which have been grown in insect proof facilities, no symptoms of *Spiroplasma citri* Saglio *et al.* or *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley are observed on that propagating material and those fruit plants over the last complete growing season and the material has been subjected to random sampling and testing for *Citrus tristeza* virus (EU isolates) before marketing; or

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- (iii) in the case of propagating material and fruit plants of the CAC category which have not been grown in insect proof facilities, no symptoms of *Spiroplasma citri* Saglio *et al.* or *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley are observed on propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed, and a representative portion of the material has been sampled and tested for *Citrus tristeza* virus (EU isolates) before marketing; or
- (iv) in the case of propagating material and fruit plants of the CAC category which have not been grown in insect proof facilities:
  - symptoms of *Spiroplasma citri* Saglio *et al.* or *Plenodomus tracheiphilus* (Petri) Gruyter, Aveskamp & Verkley are observed on no more than 2 % of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and that propagating material and those fruit plants and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; and
  - a representative portion of propagating material and fruit plants of the CAC category has been sampled and tested for *Citrus tristeza* virus (EU isolates), before marketing and no more than 2 % of propagating material and fruit plants of the CAC category in the production site have been found positive over the last complete growing season. That propagating material and those fruit plants have been rogued out and immediately destroyed. Propagating material and fruit plants in the immediate vicinity have been subjected to random sampling and testing, and any propagating material and fruit plants which have been found positive have been rogued out and immediately destroyed.

### 3. *Corylus avellana* L.

#### All categories

##### Visual inspection

Visual inspections shall be carried out once a year.

##### Sampling and testing

Sampling and testing shall be carried out in the case of doubts concerning the presence of the RNQPs listed in Annexes I and II.

### 4. *Cydonia oblonga* Mill.

#### (a) All categories

##### Visual inspection

Visual inspections shall be carried out over the last complete growing season for *Erwinia amylovora* (Burrill) Winslow *et al.* For all RNQPs, other than *Erwinia amylovora* (Burrill) Winslow *et al.*, visual inspections shall be carried out once a year.

#### (b) Pre-basic category

##### Sampling and testing

Each pre-basic mother plant shall be sampled and tested fifteen years after its acceptance as a pre-basic mother plant and with subsequent intervals of fifteen years concerning the presence of RNQPs other than virus-like diseases and viroids listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

*Requirements with regard to the production site, place of production or area*

In the case where a derogation is allowed to produce pre-basic material in the field under non-insect proof conditions, pursuant to Commission Implementing Decision (EU) 2017/925, the following requirements shall apply concerning *Erwinia amylovora* (Burrill) Winslow *et al.*:

- (i) propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from *Erwinia amylovora* (Burrill) Winslow *et al.*; or
- (ii) propagating material and fruit plants of the pre-basic category in the production site have been inspected over the last complete growing season, and any propagating material and fruit plants showing symptoms of *Erwinia amylovora* (Burrill) Winslow *et al.* and any surrounding host plants have been immediately rogued out and destroyed.

(c) **Basic category**

*Sampling and testing*

A representative portion of basic mother plants shall be sampled and tested every fifteen years on the basis of an assessment of the risk of infection of those plants concerning the presence of RNQPs other than virus-like diseases and viroids listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

(d) **Certified category**

*Sampling and testing*

A representative portion of certified mother plants shall be sampled and tested every fifteen years on the basis of an assessment of the risk of infection of those plants concerning the presence of RNQPs other than virus-like diseases and viroids listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

Certified fruit plants shall be sampled and tested in case of doubts concerning the presence of RNQPs listed in Annexes I and II.

(e) **Basic and certified categories**

*Requirements with regard to the production site, place of production or area*

- (i) propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from *Erwinia amylovora* (Burrill) Winslow *et al.*; or
- (ii) propagating material and fruit plants of the basic and certified categories in the production site have been inspected over the last complete growing season, and any propagating material and fruit plants showing symptoms of *Erwinia amylovora* (Burrill) Winslow *et al.* and any surrounding host plants have been immediately rogued out and destroyed.

(f) **CAC category**

*Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs listed in Annexes I and II.

*Requirements with regard to the production site, place of production or area*

- (i) propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Erwinia amylovora* (Burrill) Winslow *et al.*; or
- (ii) propagating material and fruit plants of the CAC category in the production site have been inspected over the last complete growing season, and any propagating material

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and fruit plants showing symptoms of *Erwinia amylovora* (Burrill) Winslow *et al.* and any surrounding host plants have been immediately rogued out and destroyed.

## 5. *Ficus carica* L.

### All categories

#### Visual inspection

Visual inspections shall be carried out once a year.

#### Sampling and testing

Sampling and testing shall be carried out in the case of doubts concerning the presence of the RNQPs listed in Annex I.

## 6. *Fragaria* L.

### (a) All categories

#### Visual inspection

Visual inspections shall be carried out twice a year during the growing season. The foliage of *Fragaria* L. shall be visually inspected concerning the presence of *Phytophthora fragariae* C.J. Hickman.

For propagating material and fruit plants produced by micropropagation, and which are maintained for a period shorter than three months, only one visual inspection during this period is necessary.

### (b) Pre-basic category

#### Sampling and testing

Each pre-basic mother plant shall be sampled and tested one year after its acceptance as a pre-basic mother plant and subsequently once per growing season concerning the presence of RNQPs listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

### (c) Basic category

#### Sampling and testing

A representative sample of roots shall be sampled and tested in the case of symptoms of *Phytophthora fragariae* C.J. Hickman on the foliage. Sampling and testing shall be carried out if the symptoms of *Arabis* mosaic virus, Raspberry ringspot virus, Strawberry crinkle virus, Strawberry latent ringspot virus, Strawberry mild yellow edge virus, Strawberry vein banding virus and Tomato black ring virus are unclear upon visual inspection. Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs, other than *Arabis* mosaic virus, *Phytophthora fragariae* C.J. Hickman, Raspberry ringspot virus, Strawberry crinkle virus, Strawberry latent ringspot virus, Strawberry mild yellow edge virus, Strawberry vein banding virus, and Tomato black ring virus, listed in Annexes I and II.

#### Requirements with regard to the production site, place of production or area

- (i) — *Phytophthora fragariae* C.J. Hickman
- propagating material and fruit plants of the basic category shall be produced in areas known to be free from *Phytophthora fragariae* C.J. Hickman; or
- no symptoms of *Phytophthora fragariae* C.J. Hickman are observed on the foliage of propagating material and fruit plants of the basic category in the production site over the last complete growing season, and any infected propagating material and fruit plants and plants in a surrounding zone of at least 5 m radius have been marked, excluded from lifting and marketing, and

- destroyed after uninfected propagating material and fruit plants have been lifted;
- *Xanthomonas fragariae* Kennedy & King
  - propagating material and fruit plants of the basic category shall be produced in areas known to be free from *Xanthomonas fragariae* Kennedy & King; or
  - no symptoms of *Xanthomonas fragariae* Kennedy & King are observed on propagating material and fruit plants of the basic category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed.
- (ii)
- *Phytophthora fragariae* C.J. Hickman
  - there shall be a rest period, during which the propagating material and fruit plants concerned shall not be grown, which shall be of at least ten years between findings of *Phytophthora fragariae* C.J. Hickman and the next planting; or
  - the cropping and soil borne disease history of the production site shall be recorded;
    - *Xanthomonas fragariae* Kennedy & King
  - there shall be a rest period, during which the propagating material and fruit plants concerned shall not be grown, which shall be of at least one year between findings of *Xanthomonas fragariae* Kennedy & King and the next planting;
- (iii) Requirements for RNQPs, other than *Xanthomonas fragariae* Kennedy & King and *Phytophthora fragariae* C.J. Hickman and other than viruses:
- The percentage of propagating material and fruit plants of the basic category in the production site over the last complete growing season, showing symptoms of each of the following RNQPs shall not exceed:
    - 0,05 % in the case of *Aphelenchoides besseyi*;
    - 0,1 % in the case of Strawberry multiplier disease phytoplasma;
    - 0,2 % in the case of:
      - Candidatus Phytoplasma asteris* Lee *et al.*;
      - Candidatus Phytoplasma pruni*;
      - Candidatus Phytoplasma solani* Quaglino *et al.*;
      - Verticillium albo-atrum* Reinke & Berthold;
      - Verticillium dahliae* Kleb;
    - 0,5 % in the case of:
      - Chaetosiphon fragaefolii* Cockerell;
      - Ditylenchus dipsaci* (Kuehn) Filipjev;
      - Meloidogyne hapla* Chitwood;
      - Podosphaera aphanis* (Wallroth) Braun & Takamatsu;
    - 1 % in the case of *Pratylenchus vulnus* Allen & Jensen; and that propagating material and those fruit plants and any surrounding host plants have been rogued out and destroyed; and
  - In the case of a positive test result for propagating material and fruit plants of the basic category showing symptoms of *Arabis* mosaic virus, Raspberry ringspot virus, Strawberry crinkle virus, Strawberry latent ringspot virus, Strawberry mild yellow edge virus, Strawberry vein banding virus, and Tomato black ring virus, the propagating material and fruit plants concerned shall be rogued out and immediately destroyed.

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(iv) Requirements for all viruses:

symptoms of all viruses listed in Annexes I and II shall have been observed on no more than 1 % of propagating material and fruit plants of the basic category in the production site over the last complete growing season, and that propagating material and those fruit plants and any symptomatic plants in the immediate vicinity shall have been rogued out and immediately destroyed.

(d) **Certified category**

*Sampling and testing*

A representative sample of roots shall be sampled and tested in the case of symptoms of *Phytophthora fragariae* C.J. Hickman on the foliage. Sampling and testing shall be carried out if the symptoms of *Arabis* mosaic virus, Raspberry ringspot virus, Strawberry crinkle virus, Strawberry latent ringspot virus, Strawberry mild yellow edge virus, Strawberry vein banding virus, and Tomato black ring virus are unclear upon visual inspection. Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs, other than *Arabis* mosaic virus, *Phytophthora fragariae* C.J. Hickman, Raspberry ringspot virus, Strawberry crinkle virus, Strawberry latent ringspot virus, Strawberry mild yellow edge virus, Strawberry vein banding virus, and Tomato black ring virus, listed in Annexes I and II.

*Requirements with regard to the production site, place of production or area*

- (i) — *Phytophthora fragariae* C.J. Hickman
- propagating material and fruit plants of the certified category shall be produced in areas known to be free from *Phytophthora fragariae* C.J. Hickman; or
- no symptoms of *Phytophthora fragariae* C.J. Hickman are observed on the foliage of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and any infected propagating material and fruit plants and plants in a surrounding zone of at least 5 m radius have been marked, excluded from lifting and marketing, and destroyed after uninfected plants have been lifted;
- *Xanthomonas fragariae* Kennedy & King
- propagating material and fruit plants of the certified category shall be produced in areas known to be free from *Xanthomonas fragariae* Kennedy & King; or
- symptoms of *Xanthomonas fragariae* Kennedy & King have been observed on no more than 2 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed.
- (ii) — *Phytophthora fragariae* C.J. Hickman
- there shall be a rest period, during which the propagating material and fruit plants concerned shall not be grown, which shall be of at least ten years between findings of *Phytophthora fragariae* C.J. Hickman and the next planting; or
- the cropping and soil borne disease history of the production site shall be recorded;
- *Xanthomonas fragariae* Kennedy & King
- there shall be a rest period, during which the propagating material and fruit plants concerned shall not be grown, which shall be of at least one year



between findings of *Xanthomonas fragariae* Kennedy & King and the next planting;

(iii) Requirements for RNQPs, other than *Xanthomonas fragariae* Kennedy & King and *Phytophthora fragariae* C.J. Hickman and other than viruses:

— the percentage of propagating material and fruit plants of the certified category in the production site over the last complete growing season, showing symptoms of each of the following RNQPs shall not exceed:

— 0,1 % in the case of *Phytonemus pallidus* Banks;

— 0,5 % in the case of:

*Aphelenchoides besseyi* Christie;

Strawberry multiplier disease phytoplasma;

— 1 % in the case of:

*Aphelenchoides fragariae* (Ritzema Bos) Christie;

*Candidatus Phlomobacter fragariae* Zreik, Bové & Garnier;

*Candidatus Phytoplasma asteris* Lee *et al.*;

*Candidatus Phytoplasma australiense* Davis *et al.*;

*Candidatus Phytoplasma fragariae* Valiunas, Staniulis & Davis;

*Candidatus Phytoplasma pruni*;

*Candidatus Phytoplasma solani* Quaglino *et al.*;

*Chaetosiphon fragaefolii* Cockerell;

Clover phyllody phytoplasma;

*Ditylenchus dipsaci* (Kuehn) Filipjev;

*Meloidogyne hapla* Chitwood Chitwood;

*Podosphaera aphanis* (Wallroth) Braun & Takamatsu;

*Pratylenchus vulnus* Allen & Jensen;

*Rhizoctonia fragariae* Hussain & W.E.McKeen;

— 2 % in the case of:

*Verticillium albo-atrum* Reinke & Berthold;

*Verticillium dahliae* Kleb; and that propagating material and those fruit plants, and any surrounding host plants have been rogued out and destroyed; and

— In the case of a positive test result for propagating material and fruit plants of the certified category showing symptoms of *Arabis* mosaic virus, Raspberry ringspot virus, Strawberry crinkle virus, Strawberry latent ringspot virus, Strawberry mild yellow edge virus, Strawberry vein banding virus, and Tomato black ring virus, the propagating material and fruit plants concerned shall be rogued out and immediately destroyed.

(iv) Requirements for all viruses

Symptoms of all viruses listed in Annexes I and II have been observed on no more than 2 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed.

(e) **CAC category**

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### Sampling and testing

A representative sample of roots shall be sampled and tested in the case of symptoms of *Phytophthora fragariae* C.J. Hickman on the foliage. Sampling and testing shall be carried out if the symptoms of *Arabis* mosaic virus, Raspberry ringspot virus, Strawberry crinkle virus, Strawberry latent ringspot virus, Strawberry mild yellow edge virus, Strawberry vein banding virus, and Tomato black ring virus are unclear upon visual inspection. Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs, other than *Arabis* mosaic virus, *Phytophthora fragariae* C.J. Hickman, Raspberry ringspot virus, Strawberry crinkle virus, Strawberry latent ringspot virus, Strawberry mild yellow edge virus, Strawberry vein banding virus, and Tomato black ring virus, listed in Annexes I and II.

*Requirements with regard to the production site, place of production or area*

- (i) — *Phytophthora fragariae* C.J. Hickman
- propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Phytophthora fragariae* C.J. Hickman; or
  - no symptoms of *Phytophthora fragariae* C.J. Hickman are observed on the foliage of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and any infected propagating material and fruit plants and plants in a surrounding zone of at least 5 m radius have been marked, excluded from lifting and marketing, and destroyed after uninfected propagating material and fruit plants have been lifted;
- *Xanthomonas fragariae* Kennedy & King
- propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Xanthomonas fragariae* Kennedy & King; or
  - no symptoms of *Xanthomonas fragariae* Kennedy & King are observed on propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out; or
  - symptoms of *Xanthomonas fragariae* Kennedy & King have been observed on no more than 5 % of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed.
- (ii) Requirements for viruses:
- In the case of a positive test result for propagating material and fruit plants of the CAC category showing symptoms of *Arabis* mosaic virus, Raspberry ringspot virus, Strawberry crinkle virus, Strawberry latent ringspot virus, Strawberry mild yellow edge virus, Strawberry vein banding virus, and Tomato black ring virus, the propagating material and fruit plants concerned shall be rogued out and immediately destroyed.

## 7. *Juglans regia* L.

### (a) All categories

#### *Visual inspection*

Visual inspections shall be carried out once a year.

### (b) Pre-basic category

#### *Sampling and testing*

Each flowering pre-basic mother plant shall be sampled and tested one year after its acceptance as a pre-basic mother plant and with subsequent intervals of one year concerning the presence of RNQPs listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

(c) **Basic category**

*Sampling and testing*

A representative portion of basic mother plants shall be sampled and tested every year on the basis of an assessment of the risk of infection of those plants concerning the presence of the RNQPs listed in Annexes I and II.

(d) **Certified category**

*Sampling and testing*

A representative portion of certified mother plants shall be sampled and tested every three years on the basis of an assessment of the risk of infection of those plants concerning the presence of the RNQPs listed in Annexes I and II.

Certified fruit plants shall be sampled and tested in the case of doubts concerning the presence of the RNQPs listed in Annexes I and II.

(e) **CAC category**

*Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of the RNQPs listed in Annexes I and II.

8. **Malus Mill.**

(a) **All categories**

*Visual inspection*

Visual inspections shall be carried out once a year.

(b) **Pre-basic category**

*Sampling and testing*

Each pre-basic mother plant shall be sampled and tested fifteen years after its acceptance as a pre-basic mother plant and with subsequent intervals of fifteen years concerning the presence of RNQPs other than virus-like diseases and viroids listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

*Requirements with regard to the production site, place of production or area*

In the case where a derogation is allowed to produce pre-basic material in the field under non-insect proof conditions, pursuant to Commission Implementing Decision (EU) 2017/925, the following requirements shall apply concerning *Candidatus Phytoplasma mali* Seemüller & Schneider and *Erwinia amylovora* (Burrill) Winslow *et al.*:

(i) *Candidatus Phytoplasma mali* Seemüller & Schneider

- propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from *Candidatus Phytoplasma mali* Seemüller & Schneider; or
- no symptoms of *Candidatus Phytoplasma mali* Seemüller & Schneider are observed on propagating material and fruit plants of the pre-basic category in the production site over the last complete growing season, and any

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symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed;

- (ii) *Erwinia amylovora* (Burrill) Winslow *et al.*
- propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from *Erwinia amylovora* (Burrill) Winslow *et al.*; or
  - propagating material and fruit plants of the pre-basic category in the production site have been inspected over the last complete growing season, and any propagating material and fruit plants showing symptoms of *Erwinia amylovora* (Burrill) Winslow *et al.* and any surrounding host plants have been immediately rogued out and destroyed.

(c) **Basic category**

*Sampling and testing*

In the case of basic mother plants, which have been maintained in insect proof facilities, a representative portion of basic mother plants shall be sampled and tested every fifteen years concerning the presence of *Candidatus Phytoplasma mali* Seemüller & Schneider.

In the case of basic mother plants, which have been not maintained in insect proof facilities, a representative portion of basic mother plants shall be sampled and tested every three years concerning the presence of *Candidatus Phytoplasma mali* Seemüller & Schneider; a representative portion of basic mother plants shall be sampled and tested every fifteen years on the basis of an assessment of the risk of infection of those plants concerning the presence of RNQPs, other than *Candidatus Phytoplasma mali* Seemüller & Schneider and other than the virus-like diseases and viroids, listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

(d) **Certified category**

*Sampling and testing*

In the case of certified mother plants, which have been maintained in insect proof facilities, a representative portion of certified mother plants shall be sampled and tested every fifteen years concerning the presence of *Candidatus Phytoplasma mali* Seemüller & Schneider.

In the case of certified mother plants which have not been maintained in insect proof facilities, a representative portion of certified mother plants shall be sampled and tested every five years concerning the presence of *Candidatus Phytoplasma mali* Seemüller & Schneider; a representative portion of certified mother plants shall be sampled and tested every fifteen years on the basis of an assessment of the risk of infection of those plants concerning the presence of RNQPs, other than *Candidatus Phytoplasma mali* Seemüller & Schneider and other than virus-like diseases and viroids, listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

Certified fruit plants shall be sampled and tested in case of doubts concerning the presence of RNQPs listed in Annexes I and II.

(e) **Basic and certified categories**

*Requirements with regard to the production site, place of production or area*

- (i) *Candidatus Phytoplasma mali* Seemüller & Schneider
- propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from *Candidatus Phytoplasma mali* Seemüller & Schneider; or

- no symptoms of *Candidatus Phytoplasma mali* Seemüller & Schneider are observed on propagating material and fruit plants of the basic and certified categories in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of *Candidatus Phytoplasma mali* Seemüller & Schneider have been observed on no more than 2 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed, and a representative sample of the remaining asymptomatic propagating material and fruit plants in the lots in which symptomatic propagating material and fruit plants were found has been tested and found free from *Candidatus Phytoplasma mali* Seemüller & Schneider;
- (ii) *Erwinia amylovora* (Burrill) Winslow *et al.*
- propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from *Erwinia amylovora* (Burrill) Winslow *et al.*; or
  - propagating material and fruit plants of the basic and certified categories in the production site have been inspected over the last complete growing season, and any propagating material and fruit plants showing symptoms of *Erwinia amylovora* (Burrill) Winslow *et al.* and any surrounding host plants have been immediately rogued out and destroyed.

**(f) CAC category**

*Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs listed in Annexes I and II.

*Requirements with regard to the production site, place of production or area*

- (i) *Candidatus Phytoplasma mali* Seemüller & Schneider
- propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Candidatus Phytoplasma mali* Seemüller & Schneider or
  - no symptoms of *Candidatus Phytoplasma mali* Seemüller & Schneider are observed on propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of *Candidatus Phytoplasma mali* Seemüller & Schneider have been observed on no more than 2 % of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed, and a representative sample of the remaining asymptomatic propagating material and fruit plants in the lots in which symptomatic propagating material and fruit plants were found has been tested and found free from *Candidatus Phytoplasma mali* Seemüller & Schneider;
- (ii) *Erwinia amylovora* (Burrill) Winslow *et al.*

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- propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Erwinia amylovora* (Burrill) Winslow *et al.*;
- or
- propagating material and fruit plants of the CAC category in the production site have been inspected over the last complete growing season, and any propagating material and fruit plants showing symptoms of *Erwinia amylovora* (Burrill) Winslow *et al.* and any surrounding host plants have been immediately rogued out and destroyed.

## 9. *Olea europaea* L.

### (a) All categories

#### *Visual inspection*

Visual inspections shall be carried out once a year.

### (b) Pre-basic category

#### *Sampling and testing*

Each pre-basic mother plant shall be sampled and tested ten years after its acceptance as a pre-basic mother plant and with subsequent intervals of ten years concerning the presence of RNQPs listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

### (c) Basic category

#### *Sampling and testing*

A representative portion of basic mother plants shall be sampled in order to have all plants tested within an interval of thirty years on the basis of an assessment of the risk of infection of those plants concerning the presence of the RNQPs listed in Annexes I and II.

### (d) Certified category

#### *Sampling and testing*

In the case of mother plants used for the production of seeds ('seed mother plants'), a representative portion of those seed mother plants shall be sampled in order to have all plants tested within an interval of forty years on the basis of an assessment of the risk of infection of those plants concerning the presence of the RNQPs listed in Annexes I and II. In the case of mother plants other than seed mother plants, a representative portion of those plants shall be sampled in order to have all plants tested within an interval of thirty years on the basis of an assessment of the risk of infection of those plants concerning the presence of the RNQPs listed in Annexes I and II.

### (e) CAC category

#### *Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of the RNQPs listed in Annexes I and II.

## 10. *Pistacia vera* L.

### All categories

#### *Visual inspection*

Visual inspections shall be carried out once a year.

#### *Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of the RNQPs listed in Annex I.

11. ***Prunus armeniaca* L., *Prunus avium* L., *Prunus cerasifera* Ehrh., *Prunus cerasus* L., *Prunus domestica* L., *Prunus dulcis* (Miller) Webb, *Prunus persica* (L.) Batsch and *Prunus salicina* Lindley**

(a) **Pre-basic category**

*Visual inspection*

Visual inspections shall be carried out twice a year with regard to *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider, Plum pox virus, *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* and *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie (*Prunus persica* (L.) Batsch and *Prunus salicina* Lindley). Visual inspections shall be carried out once a year for all RNQPs, other than *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider, Plum pox virus, *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* and *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie, listed in Annexes I and II.

*Sampling and testing*

Propagating material and fruit plants of the pre-basic category of *Prunus armeniaca* L., *Prunus avium* L., *Prunus cerasus* L., *Prunus domestica* L., and *Prunus dulcis* (Miller) Webb, shall derive from mother plants, which have been tested within the previous growing season and found free from Plum pox virus.

Pre-basic rootstocks of *Prunus cerasifera* Ehrh. and *Prunus domestica* L. shall derive from mother plants, which have been tested within the previous growing season and found free from Plum pox virus. Pre-basic rootstocks of *Prunus cerasifera* Ehrh. and *Prunus domestica* L. shall derive from mother plants, which have been tested within the previous five growing seasons and found free from *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider.

Each flowering pre-basic mother plant shall be sampled and tested for Prune dwarf virus and *Prunus* necrotic ringspot virus one year after its acceptance as a pre-basic mother plant and with subsequent intervals of one year. In the case of *Prunus persica*, each flowering pre-basic mother plant shall be sampled one year after its acceptance as a pre-basic mother plant and tested for Peach latent mosaic viroid. Each tree planted intentionally for pollination and, where appropriate, the major pollinating trees in the environment shall be sampled and tested for Prune dwarf virus and *Prunus* necrotic ringspot virus.

Each pre-basic mother plant shall be sampled five years after its acceptance as a pre-basic mother plant, and with subsequent intervals of five years, and tested for *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider and Plum pox virus. Each pre-basic mother plant shall be sampled ten years after its acceptance as a pre-basic mother plant, and with subsequent intervals of ten years, and tested for RNQPs, other than Prune dwarf virus, Plum pox virus and *Prunus* necrotic ringspot virus, relevant for the species, as listed in Annex II, and tested in the case of doubts concerning the presence of RNQPs listed in Annex I. A representative portion of pre-basic mother plants shall be sampled and tested in the case of doubts concerning the presence of *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.*

*Requirements with regard to the production site, place of production or area*

In the case where a derogation is allowed to produce pre-basic material in the field under non-insect proof conditions, pursuant to Commission Implementing Decision (EU) 2017/925, the following requirements shall apply concerning *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider, Plum pox virus, *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* and *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie:

(i) *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider

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- propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from *Candidatus Phytoplasma prunorum* Seemüller & Schneider; or
  - no symptoms of *Candidatus Phytoplasma prunorum* Seemüller & Schneider are observed on propagating material and fruit plants of the pre-basic category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - propagating material and fruit plants of the pre-basic category in the production site shall be isolated from other host plants. The isolation distance of the production site shall depend on regional circumstances, the type of propagating material, the presence of *Candidatus Phytoplasma prunorum* Seemüller & Schneider in the area concerned and the relevant risks involved as set out by the competent authorities based on inspection;
- (ii) Plum pox virus
- propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from Plum pox virus; or
  - no symptoms of Plum pox virus are observed on propagating material and fruit plants of the pre-basic category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - propagating material and fruit plants of the pre-basic category in the production site shall be isolated from other host plants. The isolation distance of the production site shall depend on regional circumstances, the type of propagating material, the presence of Plum pox virus in the area concerned and the relevant risks involved as set out by the competent authorities based on inspection;
- (iii) *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie
- propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie; or
  - no symptoms of *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie are observed on propagating material and fruit plants of the pre-basic category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed;
- (iv) *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.*
- propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.*; or
  - no symptoms of *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* are observed on propagating material and fruit plants of the pre-basic category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed.
- (b) **Basic, certified and CAC categories**  
*Visual inspection*



Visual inspections shall be carried out once a year.

(c) **Basic category**

*Sampling and testing*

(i) Mother plants which have been maintained in insect proof facilities

A representative portion of basic mother plants shall be sampled every three years and tested concerning the presence of Prune dwarf virus, *Prunus* necrotic ringspot virus and Plum pox virus. A representative portion of basic mother plants shall be sampled every ten years and tested concerning the presence of *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider.

(ii) Mother plants which have not been maintained in insect proof facilities

A representative portion of basic mother plants, other than those intended for the production of rootstocks, shall be sampled every year and tested for Plum pox virus in order to have all plants tested within an interval of ten years.

A representative portion of basic mother plants, intended for the production of rootstocks shall be sampled every year and tested concerning the presence of Plum pox virus and found free from that RNQP. A representative portion of basic mother plants of *Prunus domestica* L. intended for the production of rootstocks must be sampled and tested in the previous five growing seasons concerning the presence of *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider and found free from that RNQP.

A representative portion of basic mother plants shall be sampled and tested in the case of doubts concerning the presence of *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* A representative portion of basic mother plants shall be sampled and tested every ten years on the basis of an assessment of the risk of infection of those plants concerning the presence of RNQPs, other than *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider, Prune dwarf virus, *Prunus* necrotic ringspot virus and Plum pox virus, listed in Annex II, and tested in the case of doubts concerning the presence of RNQPs listed in Annex I.

— Flowering mother plants

A representative portion of flowering basic mother plants shall be sampled every year and tested for *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider, Prune dwarf virus and *Prunus* necrotic ringspot virus on the basis of an assessment of the risk of infection of those plants.

In the case of *Prunus persica* (L.) Batsch, a representative portion of flowering basic mother plants shall be sampled once a year and tested for Peach latent mosaic viroid on the basis of an assessment of the risk of infection of those plants. A representative portion of trees planted intentionally for pollination and, where appropriate, the major pollinating trees in the environment shall be sampled and tested Prune dwarf virus and *Prunus* necrotic ringspot virus on the basis of an assessment of the risk of infection of those plants.

— Non-flowering mother plants

A representative portion of non-flowering basic mother plants which have been not maintained in insect proof facilities shall be sampled and tested every three years concerning the presence of Prune dwarf virus, *Prunus* necrotic ringspot virus and *Candidatus* Phytoplasma *prunorum* Seemüller &

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Schneider on the basis of an assessment of the risk of infection of those plants.

(d) **Certified category**

*Sampling and testing*

(i) Mother plants which have been maintained in insect proof facilities

A representative portion of certified mother plants shall be sampled every five years and tested concerning the presence of Prune dwarf virus, *Prunus* necrotic ringspot virus and Plum pox virus in order to have all plants tested within an interval of fifteen years. A representative portion of certified mother plants shall be sampled every fifteen years and tested concerning the presence of *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider.

(ii) Mother plants which have not been maintained in insect proof facilities

A representative portion of certified mother plants shall be sampled every three years and tested for Plum pox virus in order to have all plants tested within an interval of fifteen years.

A representative portion of certified mother plants intended for the production of rootstocks shall be sampled every year and tested concerning the presence of Plum pox virus and found free from that RNQP. A representative portion of certified mother plants of *Prunus cerasifera* Ehrh. and *Prunus domestica* L. intended for the production of rootstocks have been sampled in the previous five growing seasons and tested concerning the presence of *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider and found free from that RNQP.

A representative portion of certified mother plants shall be sampled and tested in the case of doubts concerning the presence of *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* A representative portion of certified mother plants shall be sampled every fifteen years and tested on the basis of an assessment of the risk of infection of those plants concerning the presence of RNQPs, other than *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider, Prune dwarf virus, *Prunus* necrotic ringspot virus and Plum pox virus, listed in Annex II, and tested in the case of doubts concerning the presence of RNQPs listed in Annex I.

— Flowering mother plants

A representative portion of flowering certified mother plants shall be sampled every year and tested for *Candidatus* *Phytoplasma prunorum* Seemüller & Schneider, Prune dwarf virus and *Prunus* necrotic ringspot virus on the basis of an assessment of the risk of infection of those plants. In the case of *Prunus persica* (L.) Batsch, a representative portion of flowering certified mother plants shall be sampled once a year and tested for Peach latent mosaic viroid on the basis of an assessment of the risk of infection of those plants. A representative portion of trees planted intentionally for pollination and, where appropriate, the major pollinating trees in the environment shall be sampled and tested for Prune dwarf virus and *Prunus* necrotic ringspot virus on the basis of an assessment of the risk of infection of those plants.

— Non-flowering mother plants

A representative portion of non-flowering certified mother plants, which have not been maintained in insect proof facilities, shall be sampled every

three years and tested concerning the presence of *Candidatus* Phytoplasma *prunorum*, Prune dwarf virus and *Prunus* necrotic ringspot virus on the basis of an assessment of the risk of infection of those plants.

(e) **Basic and certified categories**

Requirements with regard to the production site, place of production or area

- (i) *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider
- propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider; or
  - no symptoms of *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider are observed on propagating material and fruit plants of the basic and certified categories in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider have been observed on no more than 1 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed, and a representative sample of the remaining asymptomatic propagating material and fruit plants in the lots in which symptomatic plants were found has been tested and found free from *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider;
- (ii) Plum pox virus
- propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from Plum pox virus; or
  - no symptoms of Plum pox virus are observed on propagating material and fruit plants of the basic and certified categories in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of Plum pox virus have been observed on no more than 1 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed, and a representative sample of the remaining asymptomatic propagating material and fruit plants in the lots in which symptomatic plants were found has been tested and found free from Plum pox virus;
- (iii) *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie
- propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie; or
  - no symptoms of *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie are observed on propagating material and fruit plants of the basic and certified categories in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or

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- symptoms of *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie have been observed on no more than 2 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed;
- (iv) *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.*
  - propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.*; or
  - no symptoms of *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* are observed on propagating material and fruit plants of the basic and certified categories in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* have been observed on no more than 2 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed.

(f) **CAC category**  
*Sampling and testing*

Propagating material and fruit plants of the CAC category shall derive from an identified source of material, of which a representative portion has been sampled and tested within the previous three growing seasons and found free from Plum pox virus.

CAC rootstocks of *Prunus cerasifera* Ehrh. and *Prunus domestica* L. shall derive from an identified source of material of which a representative portion has been sampled and tested within the previous 5 years and found free from *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider and Plum pox virus.

A representative portion of propagating material and fruit plants of the CAC category shall be sampled and tested in the case of doubts concerning the presence of *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.*

A representative portion of CAC fruit plants not showing any symptoms of Plum pox virus upon visual inspection shall be sampled and tested on the basis of an assessment of the risk of infection of those fruit plants concerning the presence of that RNQP and in the case of symptomatic plants in the immediate vicinity.

Upon the detection of propagating material and fruit plants of the CAC category showing symptoms of *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider in the production site by visual inspection, a representative portion of the remaining asymptomatic CAC propagating material and fruit plants of the CAC category in the lots where symptomatic propagating material and fruit plants have been found shall be sampled and tested concerning the presence of *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider.

Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs, other than *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider and Plum pox virus, listed in Annexes I and II.

*Requirements with regard to the production site, place of production or area*

- (i) *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider
- propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider; or
  - no symptoms of *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider are observed on propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider have been observed on no more than 1 % of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed, and a representative sample of the remaining asymptomatic propagating material and fruit plants in the lots in which symptomatic propagating material and fruit plants were found has been tested and found free from *Candidatus* Phytoplasma *prunorum* Seemüller & Schneider; or
  - symptoms of *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie and *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* have been observed on no more than 2 % of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed;
- (ii) Plum pox virus
- propagating material and fruit plants of the CAC category shall be produced in areas known to be free from Plum pox virus; or
  - no symptoms of Plum pox virus are observed on propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of Plum pox virus have been observed on no more than 1 % of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed, and a representative sample of the remaining asymptomatic propagating material and fruit plants in the lots in which symptomatic propagating material and fruit plants were found has been tested and found free from Plum pox virus;
- (iii) *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie
- propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie; or
  - no symptoms of *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie are observed on propagating material and fruit plants of the CAC category in the production site over the last complete

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- growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
- symptoms of *Pseudomonas syringae* pv. *persicae* (Prunier, Luisetti & Gardan) Young, Dye & Wilkie have been observed on no more than 2 % of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed;
- (iv) *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.*
  - propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.*; or
  - no symptoms of *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* are observed on propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of *Xanthomonas arboricola* pv. *pruni* (Smith) Vauterin *et al.* have been observed on no more than 2 % of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed.

## 12. *Pyrus* L.

### (a) All categories

#### *Visual inspection*

Visual inspections shall be carried out once a year.

### (b) Pre-basic category

#### *Sampling and testing*

Each pre-basic mother plant shall be sampled and tested fifteen years after its acceptance as a pre-basic mother plant and with subsequent intervals of fifteen years concerning the presence of RNQPs other than virus-like diseases and viroids listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

*Requirements with regard to the production site, place of production or area*

In the case where a derogation is allowed to produce pre-basic material in the field under non-insect proof conditions, pursuant to Commission Implementing Decision (EU) 2017/925, the following requirements shall apply concerning *Candidatus* *Phytoplasma pyri* Seemüller & Schneider and *Erwinia amylovora* (Burrill) Winslow *et al.*:

- (i) *Candidatus* *Phytoplasma pyri* Seemüller & Schneider
  - propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from *Candidatus* *Phytoplasma pyri* Seemüller & Schneider; or
  - no symptoms of *Candidatus* *Phytoplasma pyri* Seemüller & Schneider are observed at the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed;

- (ii) *Erwinia amylovora* (Burrill) Winslow *et al.*
- propagating material and fruit plants of the pre-basic category shall be produced in areas known to be free from *Erwinia amylovora* (Burrill) Winslow *et al.*; or
  - propagating material and fruit plants of the pre-basic category in the production site have been inspected over the last complete growing season, and any propagating material and fruit plants showing symptoms of *Erwinia amylovora* (Burrill) Winslow *et al.* and any surrounding host plants have been immediately rogued out and destroyed.

(c) **Basic category**

*Sampling and testing*

In the case of basic mother plants which have been maintained in insect proof facilities, a representative portion of basic mother plants shall be sampled and tested every fifteen years concerning the presence of *Candidatus* Phytoplasma *pyri* Seemüller & Schneider.

In the case of basic mother plants which have been not maintained in insect proof facilities, a representative portion of basic mother plants shall be sampled and tested every three years concerning the presence of *Candidatus* Phytoplasma *pyri* Seemüller & Schneider; a representative portion of basic mother plants shall be sampled and tested every fifteen years on the basis of an assessment of the risk of infection of those plants concerning the presence of RNQPs, other than *Candidatus* Phytoplasma *pyri* Seemüller & Schneider and other than the virus-like diseases and viroids, listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

(d) **Certified category**

*Sampling and testing*

In the case of certified mother plants, which have been maintained in insect proof facilities, a representative portion of certified mother plants shall be sampled and tested every fifteen years concerning the presence of *Candidatus* Phytoplasma *pyri* Seemüller & Schneider.

In the case of certified mother plants, which have been not maintained in insect proof facilities, a representative portion of certified mother plants shall be sampled and tested every five years concerning the presence of *Candidatus* Phytoplasma *pyri* Seemüller & Schneider; a representative portion of certified mother plants shall be sampled and tested every fifteen years on the basis of an assessment of the risk of infection of those plants concerning the presence of RNQPs, other than *Candidatus* Phytoplasma *pyri* Seemüller & Schneider and other than virus-like diseases and viroids, listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

Certified fruit plants shall be sampled and tested in case of doubts concerning the presence of RNQPs listed in Annexes I and II.

(e) **Basic and certified categories**

*Requirements with regard to the production site, place of production or area*

- (i) *Candidatus* Phytoplasma *pyri* Seemüller & Schneider
- propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from *Candidatus* Phytoplasma *pyri* Seemüller & Schneider; or
  - no symptoms of *Candidatus* Phytoplasma *pyri* Seemüller & Schneider are observed at the production site over the last complete growing season, and

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- any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of *Candidatus Phytoplasma pyri* Seemüller & Schneider have been observed on no more than 2 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed, and a representative sample of the remaining asymptomatic propagating material and fruit plants in the lots in which symptomatic propagating material and fruit plants were found has been tested and found free from *Candidatus Phytoplasma pyri* Seemüller & Schneider;
- (ii) *Erwinia amylovora* (Burrill) Winslow *et al.*
- propagating material and fruit plants of the basic and certified categories shall be produced in areas known to be free from *Erwinia amylovora* (Burrill) Winslow *et al.*; or
  - propagating material and fruit plants of the basic and certified categories in the production site have been inspected over the last complete growing season, and any propagating material and fruit plants showing symptoms of *Erwinia amylovora* (Burrill) Winslow *et al.* and any surrounding host plants have been immediately rogued out and destroyed.

(f) **CAC category**  
*Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs listed in Annexes I and II.

*Requirements with regard to the production site, place of production or area*

- (i) *Candidatus Phytoplasma pyri* Seemüller & Schneider
- propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Candidatus Phytoplasma pyri* Seemüller & Schneider; or
  - no symptoms of *Candidatus Phytoplasma pyri* Seemüller & Schneider are observed at the production site over the last complete growing season, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed; or
  - symptoms of *Candidatus Phytoplasma pyri* Seemüller & Schneider have been observed on no more than 2 % of propagating material and fruit plants of the CAC category in the production site over the last complete growing season, and that propagating material and those fruit plants, and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed, and a representative sample of the remaining asymptomatic propagating material and fruit plants in the lots in which symptomatic propagating material and fruit plants were found has been tested and found free from *Candidatus Phytoplasma pyri* Seemüller & Schneider;
- (ii) *Erwinia amylovora* (Burrill) Winslow *et al.*
- propagating material and fruit plants of the CAC category shall be produced in areas known to be free from *Erwinia amylovora* (Burrill) Winslow *et al.*; or



- propagating material and fruit plants of the CAC category in the production site have been inspected over the last complete growing season, and any propagating material and fruit plants showing symptoms of *Erwinia amylovora* (Burrill) Winslow *et al.* and any surrounding host plants have been immediately rogued out and destroyed.

### 13. **Ribes L.**

#### (a) **Pre-basic category**

##### *Visual inspection*

Visual inspections shall be carried out twice a year.

##### *Sampling and testing*

Each pre-basic mother plant shall be sampled and tested four years after its acceptance as a pre-basic mother plant and with subsequent intervals of four years concerning the presence of RNQPs listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

#### (b) **Basic, certified and CAC categories**

##### *Visual inspection*

Visual inspections shall be carried out once a year.

##### *Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of the RNQPs listed in Annexes I and II.

#### (c) **Basic category**

##### *Requirements with regard to the production site, place of production or area*

The percentage of propagating material and fruit plants of the basic category in the production site over the last complete growing season showing symptoms of *Aphelenchoides ritzemabosi* (Schwartz) Steiner & Buhner shall not exceed 0,05 % and that propagating material and those fruit plants, and any surrounding host plants have been rogued out and destroyed.

#### (d) **Certified category**

##### *Requirements with regard to the production site, place of production or area*

The percentage of propagating material and fruit plants of the certified category in the production site over the last complete growing season showing symptoms of *Aphelenchoides ritzemabosi* (Schwartz) Steiner & Buhner shall not exceed 0,5 % and that propagating material and those fruit plants, and any surrounding host plants have been rogued out and destroyed.

### 14. **Rubus L.**

#### (a) **Pre-basic category**

##### *Visual inspection*

Visual inspections shall be carried out twice a year.

##### *Sampling and testing*

Each pre-basic mother plant shall be sampled and tested two years after its acceptance as a pre-basic mother plant and with subsequent intervals of two years concerning the presence of RNQPs listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

#### (b) **Basic category**

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### *Visual inspection*

Where propagating material and fruit plants are grown in the field or in pots, visual inspections shall be carried out twice a year.

For propagating material and fruit plants produced by micropropagation, and which are maintained for a period shorter than three months, only one visual inspection during this period is necessary.

### *Sampling and testing*

Sampling and testing shall be carried out if the symptoms of *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus and Tomato black ring virus are unclear upon visual inspection. Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs, other than *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus and Tomato black ring virus, listed in Annexes I and II.

### *Requirements with regard to the production site, place of production or area*

- (i) In the case of a positive test result for propagating material and fruit plants of the basic category showing symptoms of *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus or Tomato black ring virus, the propagating material and fruit plants concerned shall be rogued out and immediately destroyed.
- (ii) Requirements for RNQPs other than *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus and Tomato black ring virus:

The percentage of propagating material and fruit plants of the basic category in the production site over the last complete growing season, showing symptoms of each of the following RNQPs shall not exceed:

— 0,1 % in the case of:

*Agrobacterium* spp. Conn.;

*Rhodococcus fascians* Tilford; and that propagating material and those fruit plants, and any surrounding host plants have been rogued out and destroyed; and

- (iii) Requirements for all viruses:

Symptoms of all viruses listed in Annexes I and II have been observed on no more than 0,25 % of propagating material and fruit plants of the basic category in the production site over the last complete growing season, and that propagating material and those fruit plants and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed.

### (c) **Certified category**

#### *Visual inspection*

Visual inspections shall be carried out once a year.

#### *Sampling and testing*

Sampling and testing shall be carried out if the symptoms of *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus and Tomato black ring virus are unclear upon visual inspection. Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs, other than *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus and Tomato black ring virus, listed in Annexes I and II.

#### *Requirements with regard to the production site, place of production or area*

- (i) In the case of a positive test result for propagating material and fruit plants of the certified category showing symptoms of *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus or Tomato black ring virus, the propagating material and fruit plants concerned shall be rogued out and immediately destroyed;
- (ii) Requirements for RNQPs other than *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus and Tomato black ring virus:

The percentage of propagating material and fruit plants of the certified category in the production site over the last complete growing season, showing symptoms of each of the following RNQPs shall not exceed:

- 0,5 % in the case of *Resseliella theobaldi* Barnes;
- 1 % in the case of:

*Agrobacterium spp.* Conn.;  
*Rhodococcus fascians* Tilford; and that propagating material and those fruit plants, and any surrounding host plants have been rogued out and destroyed;

- (iii) Requirements for all viruses

Symptoms of all viruses listed in Annexes I and II have been observed on no more than 0,5 % of propagating material and fruit plants of the certified category in the production site over the last complete growing season, and that propagating material and those fruit plants and any symptomatic plants in the immediate vicinity have been rogued out and immediately destroyed.

- (d) **CAC category**

*Visual inspection*

Visual inspections shall be carried out once a year.

*Sampling and testing*

Sampling and testing shall be carried out if the symptoms of *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus and Tomato black ring virus are unclear upon visual inspection. Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs, other than *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus and Tomato black ring virus, listed in Annexes I and II.

*Requirements with regard to the production site, place of production or area*

In the case of a positive test result for propagating material and fruit plants of the CAC category showing symptoms of *Arabidopsis* mosaic virus, Raspberry ringspot virus, Strawberry latent ringspot virus or Tomato black ring virus, the propagating material and fruit plants concerned shall be rogued out and immediately destroyed.

15. ***Vaccinium L.***

- (a) **Pre-basic category**

*Visual inspection*

Visual inspections shall be carried out twice a year.

*Sampling and testing*

Each pre-basic mother plant shall be sampled and tested five years after its acceptance as a pre-basic mother plant and with subsequent intervals of five years concerning the presence of RNQPs listed in Annex II, and in the case of doubts concerning the presence of RNQPs listed in Annex I.

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(b) **Basic category**

*Visual inspection*

Visual inspections shall be carried out twice a year.

*Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs listed in Annexes I and II.

*Requirements with regard to the production site, place of production or area*

- (i) *Agrobacterium tumefaciens* (Smith & Townsend) Conn
- no symptoms of *Agrobacterium tumefaciens* (Smith & Townsend) Conn are observed at the production site over the last complete growing season.
- (ii) *Diaporthe vaccinii* Shear
- propagating material and fruit plants of the basic category shall be produced in areas known to be free from *Diaporthe vaccinii* Shear; or
  - no symptoms of *Diaporthe vaccinii* Shear are observed at the production site over the last complete growing season;
- (iii) *Exobasidium vaccinii* (Fuckel) Woronin and *Godronia cassandrae* (anamorph *Topospora myrtilli*) Peck
- the percentage of propagating material and fruit plants of the basic category in the production site over the last complete growing season, showing symptoms of each of the following RNQPs shall not exceed:
    - 0,1 % in the case of *Godronia cassandrae* (anamorph *Topospora myrtilli*) Peck;
    - 0,5 % in the case of *Exobasidium vaccinii* (Fuckel) Woronin; and that propagating material and those fruit plants, and any surrounding host plants have been rogued out and destroyed.

(c) **Certified and CAC categories**

*Visual inspection*

Visual inspections shall be carried out once a year.

*Sampling and testing*

Sampling and testing shall be carried out in the case of doubts concerning the presence of RNQPs listed in Annexes I and II.

(d) **Certified category**

*Requirements with regard to the production site, place of production or area*

- (i) *Diaporthe vaccinii* Shear
- propagating material and fruit plants of the certified category shall be produced in areas known to be free from *Diaporthe vaccinii* Shear; or
  - no symptoms of *Diaporthe vaccinii* Shear are observed at the production site over the last complete growing season.
- (ii) *Agrobacterium tumefaciens* (Smith & Townsend) Conn, *Exobasidium vaccinii* (Fuckel) Woronin and *Godronia cassandrae* (anamorph *Topospora myrtilli*) Peck
- the percentage of propagating material and fruit plants of the certified category in the production site over the last complete growing season, showing symptoms of each of the following RNQPs shall not exceed:

- 0,5 % in the case of:
  - Agrobacterium tumefaciens* (Smith & Townsend) Conn;
  - Godronia cassandrae* (anamorph *Topospora myrtilli*) Peck;
- 1 % in the case of *Exobasidium vaccinii* (Fuckel) Woronin; and that propagating material and those fruit plants, and any surrounding host plants have been rogued out and destroyed.]

## ANNEX V

Maximum permitted number of generations in the field under non-insect proof conditions and maximum permitted life span of basic mother plants per genera or species, as provided for in Article 19(1)

### ***Castanea sativa* Mill.**

#### **Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum two generations.

In the case where a basic mother plant within the meaning of Article 15(2)(a) is a rootstock, it may be multiplied for maximum three generations.

Where rootstocks are part of basic mother plants, those rootstocks shall be basic material of the first generation.

### ***Citrus L., Fortunella Swingle and Poncirus Raf.***

#### **Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum one generation.

In the case where a basic mother plant within the meaning of Article 15(2)(a) is a rootstock, it may be multiplied for maximum three generations.

Where rootstocks are part of basic mother plants, those rootstocks shall be basic material of the first generation.

### ***Corylus avellana* L.**

#### **Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum two generations.

### ***Cydonia oblonga* Mill., *Malus* Mill., *Pyrus* L.**

#### **Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum two generations.

In the case where a basic mother plant within the meaning of Article 15(2)(a) is a rootstock, it may be multiplied for maximum three generations.

Where rootstocks are part of basic mother plants, those rootstocks shall be basic material of the first generation.

### ***Ficus carica* L.**

#### **Basic category**

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A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum two generations.

***Fragaria L.***

**Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum five generations.

***Juglans regia L.***

**Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum two generations.

***Olea europaea L.***

**Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum one generation.

***Prunus amygdalus, P. armeniaca, P. domestica, P. persica and P. salicina***

**Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum two generations.

In the case where a basic mother plant within the meaning of Article 15(2)(a) is a rootstock, it may be multiplied for maximum three generations.

Where rootstocks are part of basic mother plants, those rootstocks shall be basic material of the first generation.

***Prunus avium and P. cerasus***

**Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum two generations.

In the case where a basic mother plant within the meaning of Article 15(2)(a) is a rootstock, it may be multiplied for maximum three generations.

Where rootstocks are part of basic mother plants, those rootstocks shall be basic material of the first generation.

***Ribes L.***

**Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum three generations. Mother plants shall be maintained as mother plants for a maximum of six years.

***Rubus L.***

**Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum two generations. Mother plants of each generation shall be maintained as mother plants for a maximum of four years.

***Vaccinium L.***

**Basic category**

A basic mother plant within the meaning of Article 15(2)(a) may be multiplied for maximum two generations.

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- (1) [OJ L 267, 8.10.2008, p. 8.](#)
- (2) Council Directive 2000/29/EC of 8 May 2000 on protective measures against the introduction into the Community of organisms harmful to plants or plant products and against their spread within the Community ([OJ L 169, 10.7.2000, p. 1](#)).
- (3) Commission Directive 93/48/EEC of 23 June 1993 setting out the schedule indicating the conditions to be met by fruit plant propagating material and fruit plants intended for fruit production, pursuant to Council Directive 92/34/EEC ([OJ L 250, 7.10.1993, p. 1](#)).
- (4) Commission Directive 93/64/EEC of 5 July 1993 setting out the implementing measures concerning the supervision and monitoring of suppliers and establishments pursuant to Council Directive 92/34/EEC on the marketing of fruit plant propagating material and fruit plants intended for fruit production ([OJ L 250, 7.10.1993, p. 33](#)).
- (5) Commission Implementing Directive 2014/97/EU of 15 October 2014 implementing Council Directive 2008/90/EC as regards the registration of suppliers and of varieties and the common list of varieties (see page 16 of this Official Journal).
- (6) [<sup>F1</sup>Commission Implementing Decision (EU) 2017/925 of 29 May 2017 temporarily authorising certain Member States to certify pre-basic material of certain species of fruit plants, produced in the field under non-insect proof conditions, and repealing Implementing Decision (EU) 2017/167 ([OJ L 140, 31.5.2017, p. 7–14](#)).]

#### **Textual Amendments**

- F1** Substituted by [Commission Implementing Directive \(EU\) 2020/177 of 11 February 2020 amending Council Directives 66/401/EEC, 66/402/EEC, 68/193/EEC, 2002/55/EC, 2002/56/EC and 2002/57/EC, Commission Directives 93/49/EEC and 93/61/EEC and Implementing Directives 2014/21/EU and 2014/98/EU as regards pests of plants on seeds and other plant reproductive material \(Text with EEA relevance\).](#)