

Commission Implementing Directive 2014/21/EU of 6  
February 2014 determining minimum conditions and Union  
grades for pre-basic seed potatoes (Text with EEA relevance)

*Article 1*

**Definitions**

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

- (1) ‘mother plant’ means an identified plant from which material is taken for propagation;
- (2) ‘micro-propagation’ means the practice of rapidly multiplying plant material to produce a large number of plants, using culture *in vitro* of differentiated vegetative buds or meristem taken from a plant.

*[<sup>F1</sup>Article 2*

**Minimum conditions for pre-basic seed potatoes**

1 Member States shall ensure that pre-basic seed potatoes satisfy the following minimum conditions:

- a they derive from mother plants which are free from the following pests: *Pectobacterium* spp., *Dickeya* spp., *Candidatus Liberibacter solanacearum*, *Candidatus Phytoplasma solani*, Potato spindle tuber viroid, Potato leaf roll virus, Potato virus A, Potato virus M, Potato virus S, Potato virus X, and Potato virus Y;
- b the number of growing plants not breeding true to the variety and the number of plants of a different variety together, shall not exceed 0,01 %;
- c the maximum number of field generations shall be four;
- d RNQPs, or symptoms caused by the respective RNQPs, shall not be present above the thresholds on the pre-basic seed potatoes as set out in the following table:

<b>RNQPs or symptoms caused by RNQPs</b>	<b>Threshold for the presence of RNQPs on the growing plants for pre-basic seed potatoes</b>
Blackleg ( <i>Dickeya</i> Samson <i>et al.</i> spp. [1DICKG]; <i>Pectobacterium</i> Waldee emend. Hauben <i>et al.</i> spp. [1PECBG])	0 %
<i>Candidatus Liberibacter solanacearum</i> Liefting <i>et al.</i> [LIBEPS]	0 %
<i>Candidatus Phytoplasma solani</i> Quaglino <i>et al.</i> [PHYPSO]	0 %
Mosaic symptoms caused by viruses and symptoms caused by Potato leaf roll virus [PLRV00]	0,1 %
Potato spindle tuber viroid [PSTVD0]	0 %

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<b>RNQPs or symptoms caused by RNQPs</b>	<b>Threshold for the presence of RNQPs on the direct progeny of pre-basic seed potatoes</b>
Symptoms of virus infection	0,5 %

2 Member States shall provide that pre-basic seed potatoes may be marketed as ‘Union grades PBTC’ and ‘Union grade PB’, in accordance with the conditions set out in the Annex.

3 Compliance with the requirements of points (b) and (d) of paragraph 1 shall be established through official field inspections. In case of doubt, those inspections shall be supplemented by official tests on leaves.

Where methods of micro-propagation are used, compliance with point (a) of paragraph 1 shall be established by official testing, or testing under official supervision, of the mother plant.

Where methods of clonal selection are used, compliance with point (a) of paragraph 1 shall be established by official testing, or testing under official supervision, of the clonal stock.]

#### **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 \(Text with EEA relevance\).](#)

### *[<sup>F1</sup>Article 3*

#### **Minimum conditions for lots of pre-basic seed potatoes**

Member States shall provide that lots of pre-basic seed potatoes shall satisfy the following minimum conditions:

- (a) presence of earth and extraneous matter shall not exceed 1,0 % by mass;
- (b) the number of potatoes affected by rots, other than ring rot or brown rot, shall not be present in a quantity exceeding 0,2 % by mass;
- (c) the number of potatoes with external blemishes, including misshapen or damaged tubers, shall not exceed 3,0 % by mass;
- (d) the number of potatoes affected by common scab over more than one third of their surface shall not exceed 5,0 % by mass;
- (e) shrivelled tubers due to excessive dehydration or dehydration caused by silver scurf shall not exceed 0,5 % by mass;
- (f) lots of pre-basic seed potatoes shall comply with the following requirements concerning the presence of RNQPs, or diseases caused by the respective RNQPs as set out in the table:

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<b>RNQPs or symptoms caused by RNQPs</b>	<b>Threshold for the presence of RNQPs on the lots of pre-basic seed potato</b>
<i>Candidatus Liberibacter solanacearum</i> Liefting <i>et al.</i> [LIBEPS]	0 %
<i>Ditylenchus destructor</i> Thorne [DITYDE]	0 %
Black scurf affecting tubers over more than 10 % of their surface as caused by <i>Thanatephorus cucumeris</i> (A.B. Frank) Donk [RHIZSO]	1,0 %
Powdery scab affecting tubers over more than 10 % of their surface as caused by <i>Spongospora subterranea</i> (Wallr.) Lagerh. [SPONSU]	1,0 %

- (g) the total number of potatoes, as referred to in points (b) to (f), shall not exceed 6,0 % by mass.]

#### 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 4

#### Transposition

1 Member States shall adopt and publish, by 31 December 2015 at the latest, 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 2016.

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.

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#### *Article 5*

#### **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 6*

#### **Addressees**

This Directive is addressed to the Member States.