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# [<sup>F1</sup>ANNEX II

# CONDITIONS TO BE SATISFIED BY THE SEED

## Textual Amendments

- **F1** Substituted by Commission Directive 2009/74/EC of 26 June 2009 amending Council Directives 66/401/ EEC, 66/402/EEC, 2002/55/EC and 2002/57/EC as regards the botanical names of plants, the scientific names of other organisms and certain Annexes to Directives 66/401/EEC, 66/402/EEC and 2002/57/EC in the light of developments of scientific and technical knowledge (Text with EEA relevance).
- 1. The seed shall have sufficient varietal identity and varietal purity or, in the case of seed of an inbred line, sufficient identity and purity as regards its characteristics. For the seed of hybrid varieties, the abovementioned provisions shall also apply to the characteristics of the components.

In particular, the seed of the species listed below shall conform to the following other standards or conditions:

# A. Avena nuda, Avena sativa, Avena strigosa, Hordeum vulgare, Oryza sativa, Triticum aestivum, Triticum durum, Triticum spelta other than hybrids in each case:

Category	Minimum varietal purity(%)
Basic seed	99,9
Certified seed, 1st generation	99,7
Certified seed, 2nd generation	99,0

The minimum varietal purity shall be examined mainly in field inspections carried out in accordance with the conditions laid down in Annex I.

# B. Self-pollinating varieties of *xTriticosecale* other than hybrids

Category	Minimum varietal purity(%)
Basic seed	99,7
Certified seed, 1st generation	99,0
Certified seed, 2nd generation	98,0

The minimum varietal purity shall be examined mainly in field inspections carried out in accordance with the conditions laid down in Annex I.

# C. [<sup>F2</sup>Hybrids of Avena nuda, Avena sativa, Avena strigosa, Hordeum vulgare, Oryza sativa, Triticum aestivum, Triticum durum, Triticum spelta, and self-pollinating xTriticosecale

The minimum varietal purity of the seed of the category certified seed shall be 90 %.

In case of *Hordeum vulgare* produced by means of CMS, it shall be 85 %. Impurities other than the restorer shall not exceed 2 %.

The minimum varietal purity shall be examined in official post-control test on an appropriate proportion of samples.]

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# D. Sorghum spp. and Zea mays:

Where for the production of certified seed of hybrid varieties a female male-sterile component and a male component which does not restore male fertility have been used, the seed shall be produced:

- either by blending seed lots in a proportion appropriate to the variety where, on the one hand, a female male-sterile component has been used and, on the other, a female male-fertile component has been used,
- or by growing the female male-sterile component and the female male-fertile component in a proportion appropriate to the variety. The proportion of these components shall be examined in field inspections carried out in accordance with the conditions laid down in Annex I.

# E. [<sup>F2</sup>Hybrids of *Secale cereale* and CMS-hybrids of *Hordeum vulgare*]

Seed shall not be certified as certified seed unless due account has been taken of the results of an official post-control test, on samples of basic seed taken officially and carried out during the growing season of the seed entered for certification as certified seed to ascertain whether the basic seed met the requirements for basic seed laid down in this Directive in respect of identity and purity as regards the characteristics of the components, including male sterility.

#### **Textual Amendments**

- **F2** Substituted by Commission Implementing Directive (EU) 2015/1955 of 29 October 2015 amending Annexes I and II to Council Directive 66/402/EEC on the marketing of cereal seed (Text with EEA relevance).
- 2. The seed shall conform to the following other standards or conditions as regards germination, analytical purity and content of seeds of other plants species::

## A. Table:

Species and catego	germiı	nation(fi	uMaximum content by number of seeds of other cplant species including red seeds of <i>Oryza sativa</i> in a ‰ample of the weight specified in column 4 of Annex III(total per column)						
	seed)	weight	) Other plant species (a)	seeds	Other cereal species	other than	Avena fatua, Avena sterilis, Lolium temule	raphan Agrost githago	
1	2	3	4	5	6	7	8	9	10
Avena sativa, Avena strigosa Hordeu vulgare, Triticun aestivur	m 1								

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Triticun durum, Triticun spelta:									
—	85 basic seed,	99	4		1 (b)	3	0 (c)	1	
	85 (d) certifie seed, 1st and 2nd genera		10		7	7	0 (c)	3	
Avena nuda:									
_	75 basic seed,	99	4		1 (b)	3	0 (c)	1	
_	75 (d) certifie seed, 1st and 2nd genera		10		7	7	0 (c)	3	
Oryza sativa:									
_	80 basic seed,	98	4	1					1
_	80 certific seed, 1st genera		10	3					3
_	80 certifie seed, 2nd genera		15	5					3
Secale cereale:									
	85 basic seed,	98	4		1 (b)	3	0 (c)	1	
	85 certifie seed,	98 ed	10		7	7	0 (c)	3	

Phalari canarie								
_	75 basic seed,	98	4	1 (b)		0 (c)		
_	75 certifie seed,	98 d	10	5		0 (c)		
Sorghur spp.	n80	98	0					
xTritico	secale:							
	80 basic seed,	98	4	1 (b)	3	0 (c)	1	
_	80 certifie seed, 1st and 2nd genera		10	7	7	0 (c)	3	
Zea mays	90	98	0					

B. Other standards or conditions applicable where reference is made to them in the table under Section 2 (A) of this Annex:

- (a) the maximum contents of seeds laid down in column 4 include also the seeds of the species in columns 5 to 10;
- (b) a second seed shall not be regarded as an impurity if a second sample of same weight is free from any seeds of other cereals species;
- (c) the presence of one seed of *Avena fatua, Avena sterilis* or *Lolium temulentum* in a sample of the prescribed weight shall not be regarded as an impurity where a second sample of the same weight is free from any seeds of these species;
- (d) in the case of varieties of *Hordeum vulgare* (naked barley) the required minimum germination capacity is reduced to 75 % of pure seed. The official label shall include the words 'Minimum germination capacity 75 %'.
- [<sup>F3</sup>3. The seed shall be practically free from any pests which reduce the usefulness and quality of the seed.

The seed shall also comply with the requirements concerning Union quarantine pests, protected zone quarantine pests and RNQPs 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.

The presence of RNQPs on the seeds and the respective categories shall comply with the following requirements as set out in the table:

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Nematodes				
RNQPs or symptoms caused by RNQPs	Plants for planting (genus or species)	Thresholds for pre-basic seed	Thresholds for basic seed	Thresholds for certified seed
<i>Aphelenchoides</i> <i>besseyi</i> Christie [APLOBE]	Oryza sativa L.	0 %	0 %	0 %
Fungi				
Gibberella fujikuroi Sawada [GIBBFU]	<i>Oryza sativa</i> L.	Practically free	Practically free	Practically free]

#### **Textual Amendments**

F3 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>F4</sup>4. The presence of fungus bodies on the seeds and the respective categories shall comply with the following requirements as set out in the table:

Category	Maximum number of fungus bodies, such as sclerotia, or ergots, in a sample of the weight specified in column 3 of Annex III
Cereals other than hybrids of <i>Secale cereale</i> :	
— Basic seed	1
— Certified seed	3
Hybrids of Secale cereale:	
— Basic seed	1
- Certified seed	4 <sup>a</sup>

**a** The presence of five fungus bodies such as sclerotia or fragments of sclerotia, or ergots in a sample of the prescribed weight shall be deemed to be in conformity with the standards, where a second sample of the same weight contains no more than four fungus bodies.]]

### **Textual Amendments**

F4 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).