



Brussels, **XXX**
[...](2016) **XXX** draft

COMMISSION IMPLEMENTING DECISION

of XXX

on a standardisation request to the European Committee for Standardisation as regards fertilising products in support of Regulation (EU) No .../... of the EU Parliament and of the Council laying down rules on the making available on the market of CE marked fertilising products

(Text with EEA relevance)

Only the English, French and German texts are authentic

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(Text with EEA relevance)

The draft is based on the requirements laid down in the COM proposal for a revised Fertiliser regulation.

This draft has not been adopted or endorsed by the European Commission. Any views expressed are the preliminary views of the Commission services and may not in any circumstances be regarded as stating an official position of the Commission. The information transmitted is intended only for the Member State or entity to which it is addressed for discussions and may contain confidential and/or privileged material.

Only the English, French and German texts are authentic

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) No 1025/2012 of the European Parliament and of the Council on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council,¹ and in particular Article 10(1) thereof,

Whereas:

- (1) The uniform application of testing standards for the placing on the market of EC fertilisers has been ensured through Regulation (EC) No 2003/2003 of the European Parliament and of the Council relating to fertilisers². This regulation is being replaced by Regulation (EU) No .../... of the European Parliament and of the Council of [xx month 2018] laying down rules on the making available on the market of CE marked fertilising products which responds to the societal demand for a more resource efficient and less carbon intensive industry.
- (2) Regulation (EC) No 2003/2003 exclusively covers fertilisers from mined or chemically produced mineral materials. However, there is an increasing demand to make use of recycled materials for fertiliser purposes, but diverging national rules and

¹ OJ L 316, 14.11.2012, p. 12.

² OJ L 304, 21.11.2003, p. 1

standards make it difficult for producers to sell them across the EU single market. Harmonised conditions shall be established in order to provide important incentives for further investments in nutrient recycling which would turn waste management problems into economic opportunities.

- (3) Certain products are being used on their own or in combination for the purpose of improving the plant nutrition efficiency, with the beneficial effect of reducing the amount of fertilisers used and hence the environmental impacts. In order to facilitate their free movement on the internal market, not only fertilisers i.e. products intended to provide plants with nutrients, but also products intended to improve plant's nutrition efficiency and soil structure should be covered by the harmonisation.
- (4) Contrary to most other product harmonisation measures in Union legislation, Regulation (EC) No 2003/2003 does not prevent non-harmonised fertilisers from being made available on the internal market in accordance with national law and the general free movement rules of the Treaty. In view of the local nature of certain fertilising product markets, this possibility should remain. Compliance with harmonised rules should therefore remain optional, and should be required only for products, intended to provide plants with nutrient or improve plants' nutrition efficiency, which are CE marked when made available on the market. The requested standardisation activities should therefore not apply to non-harmonised products which are outside the scope of Regulation (EU) No .../... when made available on the market.
- (5) The requested harmonised standards, while ensuring a high level of protection of human health and the environment and the quality of fertilising products covered by Regulation (EU) No .../... should also support fair competition by providing a level playing field for CE marked fertilisers on the EU market by effectively implementing those safety and quality requirements. They shall also contain a reference to the harmonised sampling and extraction methods used during the development of the harmonised standard.
- (6) In preparation of the work programme, CEN has examined whether similar European and international standards already exist, and has already reported on possible gaps and overlaps, also suggesting appropriate action to cope with any possible risks of duplication. The proposed mandate is based on this ancillary action.
- (7) In accordance with Article 12 of Regulation (EU) No .../..., EU fertilising products which are in conformity with harmonised standards, or parts thereof, the references of which have been published in the *Official Journal of the European Union*, shall be presumed to be in conformity with the requirements set out in Annexes I to III covered by those standards or parts thereof to that Regulation. Such harmonised standards shall be available to help manufacturers in applying the requirements of Regulation (EU) No .../...
- (8) The intention to request harmonised standards in support of Regulation (EU) No .../... is stated in point 2.2.6 of the annual Union work programme for European standardisation.³

³ COM(2013)561final of 31.07.2013

- (9) The Commission has established guidelines⁴ for the execution of standardisation requests and the European standardisation organisations have agreed to apply those guidelines.
- (10) The European Standardisation organisations, the European stakeholders' organisations receiving Union financing, the Fertiliser expert group and the fertiliser administration cooperation group have been consulted.
- (11) The European Standardisation organisations have indicated that the work covered by the request falls entirely within CEN's area of competence.
- (12) The measures provided for in this Decision are in accordance with the opinion of the Committee established by Article 22 of Regulation (EU) No 1025/2012.

HAS ADOPTED THIS DECISION:

Article 1
Requested standardisation activities

The European Committee for Standardisation (CEN) is requested to draft new harmonised standards in support of the implementation of Article 12 of Regulation (EU) No .../... for verifying the conformity of EU fertilising products to its safety, quality and labelling provisions. The requested harmonised standards shall meet the requirements set out in Annex and are listed in Tables 1 to 11 of Annex II to this Decision.

Article 2
Establishment of the work programme

CEN shall prepare the work programme indicating all requested deliverables, responsible technical bodies and a timetable for the execution of the work in line with the deadlines set out in Annexes II. CEN shall follow possible priorities identified in Annex I by the Commission for the execution of the request referred to in Article 1.

CEN shall submit the draft work programme to the Commission within four months after the notification of this Decision by the Commission⁵ and provide it with access to an overall project plan.

Article 3
Agreement on the work programme

The work programme shall be subject to agreement of the Commission.

Any deviations from the request referred to in Article 1 shall be duly justified. CEN shall seek agreement with the Commission before changing the implementation of the agreed work programme.

Article 4
Reporting

⁴ SWD(2015) 205 final 27.10.2015, Vademecum on European standardisation in support of Union legislation and policies PART III Guidelines for the execution of standardisation requests

⁵ Note: A date counted from the notification date should be used only in the preparation phase; in the final Decision, an exact date should be given.

CEN shall report annually to the Commission on the execution of the request referred to in Article 1 and taking into account the work programme as referred to in Article 3. It shall submit the first annual report to the Commission by 1st May 2019 after notification of this Decision by the Commission. Subsequent annual report shall be submitted by end of April each year.

Article 5
Harmonised standards

CEN shall include in each harmonised standard a clear and precise description of the relationship between its content and the corresponding requirement of Regulation (EU) No .../... as set out in its Annexes I to III that it aims to cover. Each harmonised standard developed on the basis of the request referred to in Article 1 shall refer to this Decision.

CEN shall include in each revised or amended harmonised standard, information concerning significant changes that were introduced by it.

CEN shall provide the Commission with the titles of the requested harmonised standards in all the official languages of the Union.

Article 6
Validity

The request referred to in Article 1 of this Decision is subject to acceptance of CEN within a month of receiving it according to Article 10(3) of Regulation (EU) No 1025/2012.

If CEN does not accept the request referred to in Article 1 within a month of receiving it, the request may not constitute a basis for the drafting of harmonised standards and European standardisation deliverables.

Article 7
Addressees

This Decision is addressed to the European Committee for Standardisation.

Done at Brussels,

For the Commission

Elżbieta Bieńkowska
Member of the Commission



Brussels, **XXX**
[...](2015) **XXX** draft

ANNEXES 1 to 2

ANNEXES

to the

Commission Implementing Decision

on a standardisation request to the European Committee for Standardisation as regards fertilising products in support of Regulation (EC) No .../... laying down on the making available on the market of CE marked fertilising products and amending Regulation (EC) No 1069/2009 and (EC) No 1107/2009

ANNEXES

[...]

Annex I

1. GENERAL REQUIREMENTS

1.1. Legal requirements to be supported by the harmonised standards

The harmonised standards requested, or parts thereof, shall specify methods for the analysis of the performance of EU fertilising products to support application of relevant requirements referred to in Article 4(1) and set out in Annexes I to III to Regulation (EU) .../...

The harmonised standards shall provide detailed technical specifications of [...] with the purpose of allowing analysing and verifying compliance with relevant requirements of that Regulation.

The structure of a harmonised standard shall be such that a clear distinction can be made between its clauses and/or sub-clauses which are necessary for compliance with the relevant legal requirements and those which are not. The legal requirements shall be taken into account from the beginning and throughout the entire process of developing of standards.

1.2. Legal requirements to be covered by an individual harmonised standard

When a harmonised standard does not cover all the requirements, which are assumed to apply to particular EU fertilising products, a standard shall indicate the requirements applicable to the products that are not covered by it. Where a harmonised standard contains technical specifications which do not support application of requirements set out in Annexes I to III to Regulation (EU) ... /..., such technical specifications shall be clearly distinguished from the specifications supporting the those requirements.

1.3. Legal requirements of a precise nature

The harmonised standards are not supposed to provide any further technical specifications on requirements set out in Annexes I to III to Regulation (EU).../.... These requirements are precise enough to be applied directly.

CEN shall ensure that the legal terms of Regulation (EU) .../... are not altered by the provisions of harmonised standards.

The European harmonised standards shall not include restrictive requirements that would prevent future standards developments.

2. SPECIFIC REQUIREMENTS

2.1. Requirements for the validation of test methods

CEN shall ensure that the reproducibility and reliability of the test methods for quantitative analysis are assessed in relevant inter-laboratory tests. These tests shall be carried out on a relevant variety of existing fertilising products.

2.2. Requirements for considering all users of standards

Harmonised standards shall also reflect the technical and human capacities of the laboratories that will be entrusted with conformity assessment and market surveillance duties.

Harmonised standards should not prevent innovation and therefore several alternative test methods could be referred to in harmonised standards. By doing so, CEN shall verify the equivalence of the different methods in their capacity to demonstrate the compliance of products to a given requirement.

Annex II

Harmonised standards and deadlines for adoption

Table 1 – requested harmonised standards on organic fertilisers

Reference information	Reference to legal provisions	Deadline for adoption¹
1.1 Determination of the mercury content Adaptation of standards: EPA method 7343 with EN 13040 for the preparatory phase Or ISO 16772	Annex I, Part II, PFC 1, point 2	24 months after notification of this Decision to CEN
1.2 Determination of the cadmium, nickel and lead content Adaptation of standards: Extraction: EN 13650 Determination: ISO 11885 Or EN 16319 (Cd/Ni/Pb)	Annex I, Part II, PFC 1, point 2	24 months after notification of this Decision to CEN
1.3 Determination of the chromium VI content Adaptation of standard: ISO 17075 part 2	Annex I, Part II, PFC 1, point 2	24 months after notification of this Decision to CEN
1.4 Determination of the biuret content Adaptation of standard: ISO 18643	Annex I, Part II, PFC 1, point 2	24 months after notification of this Decision to CEN
1.5 Salmonella detection Adaptation of standard:	Annex I, Part II, PFC 1, point 3	24 months after notification of this Decision to CEN

¹ Adoption refers to the relevant European standardisation organisation making a standard available to its members or the public

EN ISO 6579 Or ISO 6579		
1.6 Escherichia Coli determination Adaptation of standard: FD/CEN TR 16193-B Or NF EN ISO 16649-2	Annex I, Part II, PFC 1, point 4	24 months after notification of this Decision to CEN
1.7 Enterococcaceae determination Adaptation of standard: EN ISO 7899-1 Or EN 15788	Annex I, Part II, PFC 1, point 4	24 months after notification of this Decision to CEN
1.8 Determination of the total nitrogen content Adaptation of standards EN 13654-2 Or EN 13654-1 Or NEN 7438	Annex I, Part II, PFC 1(A)(I), point 2 Annex I, Part II, PFC 1(A) (II), point 2 Annex III, Part 2, PFC 1(A), point d	12 months after notification of this Decision to CEN
1.9 Determination of the total P₂O₅, K₂O, MgO, CaO and Na₂O content Adaptation of standards Extraction: EN 13650 Determination: ISO 11885 Or CEN/TS 16170	Annex I, Part II, PFC 1(A)(I), point 2 Annex I, Part II, PFC 1(A) (II), point 2 Annex III, Part 2, PFC 1(A), point d	12 months after notification of this Decision to CEN
1.10 Determination of the total SO₃ content Extraction: EN 15925 Determination: EN 15749 Or Extraction: EN 13650	Annex III, Part 2, PFC 1(A), point d	24 months after notification of this Decision to CEN

Determination: ISO 11885		
1.11 Determination of the water-soluble forms of MgO, CaO, Na₂O content Adaptation of standards Extraction: EN 15961 Determination: ISO 11885	Annex III, Part 2, PFC 1(A), point d	24 months after notification of this Decision to CEN
1.12 Determination of the water-soluble form of SO₃ content Adaptation of standards Extraction: EN 15926 Determination: ISO 11885, EN 15749	Annex III, Part 2, PFC 1(A), point d	24 months after notification of this Decision to CEN
1.13 Determination of the organic carbon content Adaptation of the standard: EN 15936	Annex I, Part II, PFC 1(A)(I), point 3 Annex I, Part II, PFC 1(A) (II), point 3 Annex III, Part 2, PFC 1(A), point d	12 months after notification of this Decision to CEN
1.14 Determination of the dry matter content EN 13040	Annex III, Part 2, PFC 1(A), point d	12 months after notification of this Decision to CEN
1.15 Determination of ammoniacal nitrogen To be developed	Annex III, Part 2, PFC 1(A), point d	24 months after notification of this Decision to CEN
1.16 Determination of the organic nitrogen content To be developed	Annex III, Part 2, PFC 1(A), point d	24 months after notification of this Decision to CEN
1.17 Determination of the nitrification inhibitor content Adaptation of the standards Determination: EN 15360, EN 16328, EN 16024, EN 15905	Annex III, Part 2, FPC 1, point 2b	24 months after notification of this Decision to CEN
1.18 Determination of the urease inhibitor content	Annex III, Part 2, FPC 1, point 2c	24 months after notification

Adaptation of the standard Determination: EN 15688, EN 16075		of this Decision to CEN
1.19 Quantity To be developed	Annex III, Part I, point 2b	24 months after notification of this Decision to CEN
1.20 Information on the chloride content To be developed	Annex III, Part I, point 8	24 months after notification of this Decision to CEN

Table 2 – requested harmonised standards on organo-mineral fertilisers (OMF)

Reference information	Reference to legal provisions	Deadline for adoption
2.1 Determination of nitrogen from ammonium nitrate fertilisers in OMF To be developed	Annex I, Part II, PFC 1(B), point 2	24 months after notification of this Decision to CEN
2.2 Determination of the mercury content Adaptation of standards: EPA method 7343 with EN 13040 for the preparatory phase Or ISO 16772	Annex I, Part II, PFC 1(B), point 3c	24 months after notification of this Decision to CEN
2.3 Determination of the cadmium, nickel, arsenic and lead content Adaptation of standards: Extraction: EN 13650 Determination: ISO 11885 Or EN 16319 (Cd/Ni/Pb)	Annex I, Part II, PFC 1(B), point 3a, 3d, 3e	24 months after notification of this Decision to CEN
2.4 Determination of the chromium VI content Adaptation of standard:	Annex I, Part II, PFC 1(B), point 3b	24 months after notification of this Decision to CEN

ISO 17075 part 2		
2.5 Salmonella detection Adaptation of standard: EN ISO 6579	Annex I, Part II, PFC 1(B), point 4	24 months after notification of this Decision to CEN
2.6 Escherichia Coli determination Adaptation of standard: FD/CEN TR 16193-B Or NF EN ISO 16649-2	Annex I, Part II, PFC 1(B), point 5	24 months after notification of this Decision to CEN
2.7 Enterococcaceae determination Adaptation of standard: EN ISO 7899-1 Or EN 15788	Annex I, Part II, PFC 1(B), point 5	24 months after notification of this Decision to CEN
2.8 Determination of the total nitrogen content Adaptation of standards EN 15561 Or EN 15750 Or BNL-4	Annex I, Part II, PFC 1(B) (I), point 2 Annex I, Part II, PFC 1(B) (II), point 2 Annex III, Part 2, PFC 1(B),point 1d, first bullet	24 months after notification of this Decision to CEN
2.9 Determination of the total P₂O₅, K₂O, MgO, CaO, Na₂O content Extraction: EN 13650 Determination - adaptation of standards ISO 11885 Or CEN/TS 16170	Annex I, Part II, PFC 1(B) (I), point 2 (for P ₂ O ₅ , K ₂ O) Annex I, Part II, PFC 1(B) (II), point 2(for P ₂ O ₅ , K ₂ O) Annex III, Part 2, PFC 1(B),point 1d,	24 months after notification of this Decision to CEN

	second and third bullet (for P ₂ O ₅ , K ₂ O) Annex III, Part 2, PFC 1(B), point 1d, fourth bullet (for the others)	
2.10 Determination of the organic carbon content Adaptation of the standard: EN 15936	Annex I, Part II, PFC 1(B) (I), point 3 Annex I, Part II, PFC 1(B) (II), point 3 Annex III, Part 2, PFC 1(B), point 2	24 months after notification of this Decision to CEN
2.11 Determination of the dry matter content Adaptation of the standard: EN 13040	Annex III, Part 2, PFC 1(B), point 2	24 months after notification of this Decision to CEN
2.12 Determination of ammoniacal nitrogen To be developed	Annex III, Part 2, PFC 1(B), point 1d, first bullet, third dash	24 months after notification of this Decision to CEN
2.13 Determination of nitric nitrogen To be developed	Annex III, Part 2, PFC 1(B), point 1d, first bullet, second dash	24 months after notification of this Decision to CEN
2.14 Determination of urea nitrogen To be developed	Annex III, Part 2, PFC 1(B), point 1d, first bullet, fourth dash	24 months after notification of this Decision to CEN
2.15 Determination of the organic nitrogen content To be developed	Annex I, Part II, PFC 1(B) (I), point 2, first bullet Annex I, Part II, PFC 1(B) (II), point 2, first bullet Annex III, Part 2, PFC 1(B), point 1d, first bullet, first dash	24 months after notification of this Decision to CEN

<p>2.16 Determination of the water-soluble P₂O₅ content Adaptation of standard</p> <p>Extraction: EN 15985 Determination: ISO 11885 (all types of phosphorus) Or EN 15959: total phosphate content</p>	<p>Annex III, Part 2, PFC 1(B),point 1d, second bullet, first dash</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.17 Determination of the NAC soluble P₂O₅ content Adaptation of standard</p> <p>Extraction: EN 15957 Determination: ISO 11885 (all types of phosphorus) Or EN 15959: total phosphate content</p>	<p>Annex III, Part 2, PFC 1(B),point 1d, second bullet, second dash</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.18 Determination of the formic acid soluble P₂O₅ content Adaptation of the standards</p> <p>Extraction: EN 15919 Determination: ISO 11885 (all types of phosphorus) Or EN 15959: total phosphate content</p>	<p>Annex III, Part 2, PFC 1(B),point 1d, second bullet, third dash</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.19 Determination of the water-soluble K₂O content Adaptation of the standard</p> <p>Extraction and determination: EN 15477</p>	<p>Annex III, Part 2, PFC 1(B),point 1d, third bullet, first dash</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.20 Determination of the water-soluble MgO and CaO content Adaptation of the standard</p> <p>Extraction: EN 15961 Determination: ISO 11885</p>	<p>Annex III, Part 2, PFC 1(B), point 1d, fourth bullet</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.21 Determination of the total SO₃ content Adaptation of the standard</p> <p>Extraction: EN 15925 Determination: EN 15749 Or</p>	<p>Annex III, Part 2, PFC 1(B), point 1d, fourth bullet</p>	<p>24 months after notification of this Decision to CEN</p>

Extraction: EN 13650 Determination: ISO 11885		
2.22 Determination of the water-soluble SO₃ content Adaptation of the standard Extraction: EN 15926 Determination: EN 15749 or ISO 11855	Annex III, Part 2, PFC 1(B), point 1d, fourth bullet	24 months after notification of this Decision to CEN
2.23 Determination of the water-soluble Na₂O content Adaptation of the standard Extraction: EN 15961 Determination: ISO 11855	Annex III, Part 2, PFC 1(B), point 1d, fourth bullet, first dash	24 months after notification of this Decision to CEN
2.24 Determination of the total boron content Adaptation of the standard Extraction: EN 13650 Determination: ISO 11855	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN
2.25 Determination of the total cobalt content Adaptation of the standard Extraction: EN 13650 Determination: ISO 11855	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN
2.26 Determination of the total copper content Adaptation of the standard Extraction: EN 13650 Determination: ISO 11855	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN
2.27 Determination of the total iron content Adaptation of the standard Extraction: EN 13650 Determination: ISO 11855	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN
2.28 Determination of the total manganese content	Annex III, Part 2, PFC 1(B)(I), point b	24 months after notification of this Decision to CEN

Adaptation of the standard Extraction: EN 13650 Determination: ISO 11855	Annex III, Part 2, PFC 1(B) (II), point b	
2.29 Determination of the total molybdenum content Adaptation of the standard Extraction: EN 13650 Determination: ISO 11855	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN
2.30 Determination of the total zinc content Adaptation of the standard Extraction: EN 13650 Determination: ISO 11855	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN
2.31 Determination of the water-soluble boron content Adaptation of the standard Extraction: EN 16962 Determination: ISO 11855 or EN 16965	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN
2.32 Determination of the water-soluble cobalt content Adaptation of the standard Extraction: EN 16962 Determination: ISO 11855 or EN 16965	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN
2.33 Determination of the water-soluble copper content Adaptation of the standard Extraction: EN 16962 Determination: ISO 11855 or EN 16965	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN
2.34 Determination of the water-soluble iron content Adaptation of the standard Extraction: EN 16962 Determination: ISO 11855 or EN 16965	Annex III, Part 2, PFC 1(B)(I), point b Annex III, Part 2, PFC 1(B) (II), point b	24 months after notification of this Decision to CEN

<p>2.35 Determination of the water-soluble manganese content</p> <p>Adaptation of the standard</p> <p>Extraction: EN 16962</p> <p>Determination: ISO 11855 or EN 16965</p>	<p>Annex III, Part 2, PFC 1(B)(I), point b</p> <p>Annex III, Part 2, PFC 1(B) (II), point b</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.36 Determination of the water-soluble molybdenum content</p> <p>Adaptation of the standard</p> <p>Extraction: EN 16962</p> <p>Determination: ISO 11855 or EN 16965</p>	<p>Annex III, Part 2, PFC 1(B)(I), point b</p> <p>Annex III, Part 2, PFC 1(B) (II), point b</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.37 Determination of the water-soluble zinc content</p> <p>Adaptation of the standard</p> <p>Extraction: EN 13650</p> <p>Determination: ISO 11855</p>	<p>Annex III, Part 2, PFC 1(B)(I), point b</p> <p>Annex III, Part 2, PFC 1(B) (II), point b</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.38 Determination of the chelated fraction of micronutrients</p> <p>Adaptation of the standard</p> <p>Determination: EN 13366</p>	<p>Annex III, Part 2, PFC 1(B) (I), point c</p> <p>Annex III, Part 2, PFC 1(B) (II), point c</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.39 Identification of chelating agents</p> <p>Adaptation of the standard</p> <p>Determination: EN 13368-1, EN 13368-2, EN 13368-3, EN 15451, EN 15452, EN 15950</p>	<p>Annex III, Part 2, PFC 1(B) (I), point c</p> <p>Annex III, Part 2, PFC 1(B) (II), point c</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.40 Determination of the complexed fraction of micronutrients</p> <p>Adaptation of the standard</p> <p>Determination: EN 15962</p>	<p>Annex III, Part 2, PFC 1(B) (I), point d</p> <p>Annex III, Part 2, PFC 1(B) (II), point d</p>	<p>24 months after notification of this Decision to CEN</p>
<p>2.41 Identification of complexing agents</p> <p>Adaptation of the standard</p> <p>Determination: EN 16109, EN 16847</p>	<p>Annex III, Part 2, PFC 1(B) (I), point d</p> <p>Annex III, Part 2, PFC 1(B) (II), point d</p>	<p>24 months after notification of this Decision to CEN</p>

2.42 Determination of the nitrification inhibitor content Adaptation of the standards Determination: EN 15360, EN 16328, EN 16024, EN 15905	Annex III, Part 2, FPC 1, point 2b	24 months after notification of this Decision to CEN
2.43 Determination of the urease inhibitor content Adaptation of the standard Determination: EN 15688, EN 16075	Annex III, Part 2, FPC 1, point 2c	24 months after notification of this Decision to CEN
2.44 Quantity To be developed	Annex III, Part I, point 2b	24 months after notification of this Decision to CEN
2.45 Information on the chloride content To be developed	Annex III, Part I, point 8	24 months after notification of this Decision to CEN

Table 3 – requested harmonised standards on inorganic fertilisers

Reference information	Reference to legal provisions	Deadline for adoption
3.1 Determination of the mercury content Adaptation of standard: EN 16317	Annex I, Part 2, PFC 1(C)(I), point 2(c) Annex I, Part 2, PFC 1(C)(II), point 3	12 months after notification of this Decision to CEN
3.2 Determination of the cadmium, nickel, arsenic and lead content Adaptation of standards: EN 14888, EN 16319, EN 16317	Annex I, Part 2, PFC 1(C)(I), point 2(a), 2(d), 2(f), 2(e) Annex I, Part 2, PFC 1(C)II, point 3	12 months after notification of this Decision to CEN
3.3 Determination of the chromium VI content Adaptation of standard: EN 16318	Annex I, Part 2, PFC 1(C)(I), point 2(b)	12 months after notification of this Decision to CEN

<p>3.4 Biuret determination Adaptation of standard: EN 15479</p>	<p>Annex I, Part 2, PFC 1(C)(I), point 2(g)</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.5 Determination of the perchlorate content In development by TC 260</p>	<p>Annex I, Part 2, PFC 1(C)(I), point 2(h)</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.6 Determination of the total nitrogen content Adaptation of standards EN 15560, EN 15561, EN 15478, EN 15750</p>	<p>Annex I, Part 2, PFC 1(C)I(a)(i), point 2, first bullet Annex I, Part 2, PFC 1(C)I(a)(ii), point 2, first bullet Annex I, Part 2, PFC 1(C)I(b)(i), point 2, first bullet Annex I, Part 2, PFC 1(C)I(b)(ii), point 2, first bullet Annex III, Part 2, PFC1(C), point 1d, first bullet</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.7 Determination of nitrogen in the form of ammoniacal nitrogen Adaptation of standard EN 15475</p>	<p>Annex III, Part 2, PFC1(C), point 1d, first bullet, second dash</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.8 Determination of nitrogen in the form of nitric nitrogen Adaptation of standards EN 15604, EN 15476</p>	<p>Annex III, Part 2, PFC1(C), point 1d, first bullet, first dash</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.9 Determination of nitrogen in the form of urea Adaptation of standard</p>	<p>Annex III, Part 2, PFC1(C), point 1d, first bullet, third dash</p>	<p>12 months after notification of this Decision to CEN</p>

EN 15604 but not validated for products containing cyanamide nitrogen		
3.10. Determination of nitrogen from UF, IBDU and CDU Adaptation of standard EN 15705	Annex III, Part 2, PFC1(C), point 1d, first bullet, fourth dash	12 months after notification of this Decision to CEN
3.11 Determination of nitrogen in the form of cyanamide nitrogen Adaptation of standards: EN 15562, EN 15604	Annex III, Part 2, PFC1(C), point 1d, first bullet, fifth dash	12 months after notification of this Decision to CEN
3.12 Determination of the total P₂O₅ content Adaptation of standards: Extraction: EN 15956 Determination: EN 15959	Annex I, Part 2, PFC 1(C)I(a)(i), point 2, second bullet Annex I, Part 2, PFC 1(C)I(a)(ii), point 2, second bullet Annex I, Part 2, PFC 1(C)I(b)(i), point 2, second bullet Annex I, Part 2, PFC 1(C)I(b)(ii), point 2, second bullet Annex III, Part 2, PFC1(C), point 1d, second bullet	12 months after notification of this Decision to CEN
3.13 Determination of the water-soluble P₂O₅ content Adaptation of standards: Extraction: EN 15958 Determination: EN 15959	Annex III, Part 2, PFC1(C), point 1d, second bullet, first dash	12 months after notification of this Decision to CEN
3.14 Determination of the NAC soluble P₂O₅ content Adaptation of standards: Extraction: EN 15957	Annex III, Part 2, PFC1(C), point 1d, second bullet, second dash	12 months after notification of this Decision to CEN

Determination: EN 15959		
3.15 Determination of the 2%formic acid soluble P2O5 content Adaptation of standards: Extraction: EN 15919 Determination: EN 15959	Annex III, Part 2, PFC1(C), point 1d, second bullet, third dash	12 months after notification of this Decision to CEN
3.16 Determination of the total K₂O content Adaptation of standards: Extraction: ISO 7407 Determination: EN 13346	Annex I, Part 2, PFC 1(C)I(a)(i), point 2, third bullet Annex I, Part 2, PFC 1(C)I(a)(ii), point 2, third bullet Annex I, Part 2, PFC 1(C)I(b)(i), point 2, third bullet Annex I, Part 2, PFC 1(C)I(b)(ii), point 2, third bullet	12 months after notification of this Decision to CEN
3.17 Determination of the water-soluble K₂O content Adaptation of standard: Determination: EN 15477	Annex III, Part 2, PFC1(C), point 1d, third bullet	12 months after notification of this Decision to CEN
3.18 Determination of the total MgO content Adaptation of standard: Extraction: EN 15960 Determination: EN 16197, EN 16198	Annex I, Part 2, PFC 1(C)I(a)(i), point 2, fourth bullet Annex I, Part 2, PFC 1(C)I(a)(ii), point 2, fourth bullet Annex I, Part 2, PFC 1(C)I(b)(i), point 2, fourth bullet Annex I, Part 2, PFC 1(C)I(b)(ii), point 2, fourth bullet Annex III, Part 2, PFC1(C), point 1d,	12 months after notification of this Decision to CEN

	fourth bullet	
3.19 Determination of the water-soluble MgO content Adaptation of standard: Extraction: EN 15961 Determination: EN 16197	Annex III, Part 2, PFC1(C), point 1d, fourth bullet	12 months after notification of this Decision to CEN
3.20 Determination of the total CaO content Adaptation of standard: Extraction: EN 15960 Determination: EN 16196, EN 15909	Annex I, Part 2, PFC 1(C)I(a)(i), point 2, fifth bullet Annex I, Part 2, PFC 1(C)I(a)(ii), point 2, fifth bullet Annex I, Part 2, PFC 1(C)I(b)(i), point 2, fifth bullet Annex I, Part 2, PFC 1(C)I(b)(ii), point 2, fifth bullet Annex III, Part 2, PFC1(C), point 1d, fourth bullet	12 months after notification of this Decision to CEN
3.21 Determination of the water-soluble CaO content Adaptation of standard: Extraction: EN 15961 Determination: EN 16196	Annex III, Part 2, PFC1(C), point 1d, fourth bullet	12 months after notification of this Decision to CEN
3.22 Determination of the total SO3 content Adaptation of standard: Extraction: EN 15960 Determination: EN 15925, EN 15749	Annex I, Part 2, PFC 1(C)I(a)(i), point 2, sixth bullet Annex I, Part 2, PFC 1(C)I(a)(ii), point 2, sixth bullet Annex I, Part 2, PFC 1(C)I(b)(i), point 2, sixth bullet	12 months after notification of this Decision to CEN

	Annex I, Part 2, PFC 1(C)I(b)(ii), point 2, sixth bullet Annex III, Part 2, PFC1(C), point 1d, fourth bullet	
3.23 Determination of the water-soluble SO₃ content Adaptation of standard: Extraction: EN 15961 Determination: EN 15926, EN 15749	Annex III, Part 2, PFC1(C), point 1d, fourth bullet	12 months after notification of this Decision to CEN
3.24 Determination of the total Na₂O content Adaptation of standard: Extraction: EN 15960 Determination: EN 16199	Annex I, Part 2, PFC 1(C)I(a)(i), point 2, seventh bullet Annex I, Part 2, PFC 1(C)I(a)(ii), point 2, seventh bullet Annex I, Part 2, PFC 1(C)I(b)(i), point 2, seventh bullet Annex I, Part 2, PFC 1(C)I(b)(ii), point 2, seventh bullet Annex III, Part 2, PFC1(C), point 1d, fourth bullet	12 months after notification of this Decision to CEN
3.25 Determination of the water-soluble Na₂O content Adaptation of the standard Extraction: EN 15961 Determination: ISO 11855	Annex III, Part 2, PFC 1(C), point 1d, fourth bullet	12 months after notification of this Decision to CEN
3.26 Determination of oil retention of AN fertilisers Adaptation of method 2 of Annex III to Regulation (EC) No 2003/2003	Annex I, Part 2, PFC 1(C)I(a)(I ii A), point 4	12 months after notification of this Decision to CEN
3.27 Determination of the combustible ingredient content in AN fertilisers	Annex I, Part 2, PFC 1(C)I(a)(I ii A),	12 months after notification

Adaptation of method 3 of Annex III to Regulation (EC) No 2003/2003	point 6	of this Decision to CEN
3.28 pH determination of AN fertiliser solution Adaptation of method 4 of Annex III to Regulation (EC) No 2003/2003	Annex I, Part 2, PFC 1(C)I(a)(I ii A), point 7	12 months after notification of this Decision to CEN
3.29 Particle size determination of AN fertiliser Adaptation of method 5 of Annex III to Regulation (EC) No 2003/2003	Annex I, Part 2, PFC 1(C)I(a)(I ii A), point 8	12 months after notification of this Decision to CEN
3.30 Determination of the chloride content in AN fertiliser Adaptation of method 6 of Annex III to Regulation (EC) No 2003/2003	Annex I, Part 2, PFC 1(C)I(a)(I ii A), point 9	12 months after notification of this Decision to CEN
3.31 Determination of the Cu content of AN fertiliser Adaptation of method 7 of Annex III to Regulation (EC) No 2003/2003	Annex I, Part 2, PFC 1(C)I(a)(I ii A), point 9	12 months after notification of this Decision to CEN
3.32 Determination of the total boron content Covered by Part III of mandate M/335. Adaptation of the EN standard developed under that mandate to harmonised standard	Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies micronutrient-based fertiliser and micronutrient suspension fertiliser Annex III, Part 2, PFC 1(C)(I)(a), point 5b Annex III, Part 2, PFC 1(C)(I)(b), point 3b	12 months after notification of this Decision to CEN
3.33 Determination of the total cobalt content Covered by Part III of mandate M/335. Adaptation of the EN standard developed under that mandate to harmonised standard	Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies micronutrient-based fertiliser and micronutrient suspension fertiliser Annex III, Part 2, PFC 1(C)(I)(a), point 5b Annex III, Part 2, PFC 1(C)(I)(b), point 3b	12 months after notification of this Decision to CEN
3.34 Determination of the total copper content Extraction and determination covered by Part III of mandate M/335. Adaptation of the EN standard developed under that mandate to harmonised standard	Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies micronutrient-based fertiliser and micronutrient suspension fertiliser Annex III, Part 2, PFC 1(C)(I)(a), point 5b	12 months after notification of this Decision to CEN

	Annex III, Part 2, PFC 1(C)(I)(b), point 3b	
<p>3.35 Determination of the total iron content</p> <p>Extraction and determination covered by Part III of mandate M/335. Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies micronutrient-based fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	12 months after notification of this Decision to CEN
<p>3.36 Determination of the total manganese content</p> <p>Extraction and determination covered by Part III of mandate M/335. Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies micronutrient-based fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	12 months after notification of this Decision to CEN
<p>3.37 Determination of the total molybdenum content</p> <p>Extraction and determination covered by Part III of mandate M/335. Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies micronutrient-based fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	12 months after notification of this Decision to CEN
<p>3.38 Determination of the total zinc content</p> <p>Extraction and determination covered by Part III of mandate M/335. Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies micronutrient-based fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	12 months after notification of this Decision to CEN
<p>3.39 Determination of the water-soluble boron content</p> <p>Extraction and determination covered by Part III of mandate M/335.</p>	Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies except micronutrient-based	12 months after notification of this Decision to CEN

<p>Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	
<p>3.40 Determination of the water-soluble cobalt content</p> <p>Extraction and determination covered by Part III of mandate M/335.</p> <p>Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies except micronutrient-based fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.41 Determination of the water-soluble copper content</p> <p>Extraction and determination covered by Part III of mandate M/335.</p> <p>Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies except micronutrient-based fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.42 Determination of the water-soluble iron content</p> <p>Extraction and determination covered by Part III of mandate M/335.</p> <p>Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies except micronutrient-based fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.43 Determination of the water-soluble manganese content</p> <p>Extraction and determination covered by Part III of mandate M/335.</p> <p>Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies except micronutrient-based fertiliser and micronutrient suspension</p>	<p>12 months after notification of this Decision to CEN</p>

	<p>fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	
<p>3.44 Determination of the water-soluble molybdenum content</p> <p>Extraction and determination covered by Part III of mandate M/335. Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies except micronutrient-based fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.45 Determination of the water-soluble zinc content</p> <p>Extraction and determination covered by Part III of mandate M/335. Adaptation of the EN standard developed under that mandate to harmonised standard</p>	<p>Annex I, Part 2, PFC 1(C)(II) (a), point 2, typologies except micronutrient-based fertiliser and micronutrient suspension fertiliser</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5b</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3b</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.46 Determination of the sum of declared micronutrients in compound mineral micronutrient fertilisers</p> <p>Sum of the micronutrients present determined by using the methods developed under points 3.31 to 3.37</p>	<p>Annex I, Part 2, PFC 1(C)II (b), point 3</p>	<p>12 months after notification of this Decision to CEN</p>
<p>3.47 Determination of the chelated fraction of micronutrients</p> <p>Adaptation of the standard</p> <p>Determination: EN 13366</p>	<p>Annex I, Part 2, PFC 1(C)II (a), point 2, typologies micronutrient chelate fertiliser, UVCB iron chelates</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5c</p> <p>Annex III, Part 2, PFC 1(C)(I)(b), point 3c</p> <p>Annex III, Part 2, PFC 1(C) (II), point 2</p>	<p>12 months after notification of this Decision to CEN</p>

	Annex III, Part 2, PFC 1(C) (II)(a), point 1 Annex III, Part 2, PFC 1(C) (II)(b), point 1	
<p>3.48 Identification of chelating agents</p> <p>Adaptation of the standard</p> <p>Determination: EN 13368-1, EN 13368-2, EN 13368-3, EN 15451, EN 15452, EN 15950</p>	<p>Annex I, Part 2, PFC 1(C)II (a), point 2, typologies micronutrient chelate fertiliser, UVCB iron chelates</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5c</p> <p>Annex III, Part 2, PFC 1(C)(I)(b),point 3c</p> <p>Annex III, Part 2, PFC 1(C) (II), point 2</p> <p>Annex III, Part 2, PFC 1(C) (II)(a), point 1</p> <p>Annex III, Part 2, PFC 1(C) (II)(b), point 1</p>	12 months after notification of this Decision to CEN
<p>3.49 Determination of the complexed fraction of micronutrients</p> <p>Adaptation of the standard</p> <p>Determination: EN 15962</p>	<p>Annex I, Part 2, PFC 1(C)II (a), point 2, typologies micronutrient chelate fertiliser, UVCB iron chelates</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5d</p> <p>Annex III, Part 2, PFC 1(C)(I)(b),point 3d</p> <p>Annex III, Part 2, PFC 1(C) (II), point 3</p> <p>Annex III, Part 2, PFC 1(C) (II)(a), point 1</p> <p>Annex III, Part 2, PFC 1(C) (II)(b), point 1</p>	12 months after notification of this Decision to CEN
<p>3.50 Identification of complexing agents</p> <p>Adaptation of the standard</p> <p>Determination: EN 16109, EN 16847</p>	<p>Annex I, Part 2, PFC 1(C)II (a), point 2, typologies micronutrient chelate fertiliser, UVCB iron chelates</p> <p>Annex III, Part 2, PFC 1(C)(I)(a), point 5d</p>	12 months after notification of this Decision to CEN

	Annex III, Part 2, PFC 1(C)(I)(b), point 3d Annex III, Part 2, PFC 1(C) (II), point 3 Annex III, Part 2, PFC 1(C) (II)(a), point 1 Annex III, Part 2, PFC 1(C) (II)(b), point 1	
3.51 Determination of the nitrification inhibitor content Adaptation of the standards Determination: EN 15360, EN 16328, EN 16024, EN 15905	Annex III, Part 2, FPC 1, point 2b	12 months after notification of this Decision to CEN
3.52 Determination of the urease inhibitor content Adaptation of the standard Determination: EN 15688, EN 16075	Annex III, Part 2, FPC 1, point 2c	12 months after notification of this Decision to CEN
3.53 Quantity To be developed	Annex III, Part I, point 2b	24 months after notification of this Decision to CEN
3.54 Information on the chloride content To be developed	Annex III, Part I, point 8	24 months after notification of this Decision to CEN
3.55 Determination of the rate of release of nutrients in slow released fertilisers Adaptation of the standard: Determination: EN 13266	Annex III, Part 2, PFC1(C)(I)(a) point 4	12 months after notification of this Decision to CEN
3.56 Determination of the granulometry Adaptation of the standards: Determination: EN 1235, EN 1235/A1, EN 15928, EN 15924	Annex III, Part 2, PFC1(C)(I)(a) point 2	12 months after notification of this Decision to CEN

Table 4 - requested harmonised standards on liming materials

Reference information	Reference to legal provisions	Deadline for adoption
<p>4.1 Determination of the cadmium content Adaptation of standard: EN 16319</p>	Annex I, Part2, PFC2, point 2, first bullet	12 months after notification of this Decision to CEN
<p>4.2 Determination of the nickel and lead content Adaptation of standards: EN 16319</p>	Annex I, Part2, PFC2, point 2, fourth and fifth bullet	12 months after notification of this Decision to CEN
<p>4.3 Determination of the chromium VI content Adaptation of standard: EN 16318</p>	Annex I, Part2, PFC2, point 2, second bullet	12 months after notification of this Decision to CEN
<p>4.4 Determination of the mercury content Adaptation of standard: EN 16317</p>	Annex I, Part2, PFC2, point 2, third bullet	12 months after notification of this Decision to CEN
<p>4.5 Determination of the arsenic content Adaptation of standard: EN 16317</p>	Annex I, Part2, PFC2, point 2, sixth bullet	12 months after notification of this Decision to CEN
<p>4.6 Determination of the neutralising value Adaptation of standard: EN 12945</p>	Annex I, Part2, PFC2, point 3, first bullet Annex III, Part 2, PFC 2, first dash	12 months after notification of this Decision to CEN
<p>4.7 Determination of the reactivity Adaptation of standards: EN 13971, EN 14984, EN 16357</p>	Annex I, Part2, PFC2, point 3, second bullet Annex III, Part 2, PFC 2, fifth dash	12 months after notification of this Decision to CEN

4.8 Determination of the granulometry Adaptation of standard: EN 12948	Annex III, Part 2, PFC 2, second dash	12 months after notification of this Decision to CEN
4.9 Determination of the total CaO content Adaptation of standards: EN 13475, EN 12946	Annex III, Part 2, PFC 2, third dash	12 months after notification of this Decision to CEN
4.10 Determination of the total MgO content Adaptation of standard: EN 12947, EN 12946	Annex III, Part 2, PFC 2, fourth dash	12 months after notification of this Decision to CEN
4.11 Quantity To be developed	Annex III, Part I, point 2b	12 months after notification of this Decision to CEN
4.12 Information on the chloride content Adaptation of the standard Determination: EN 16195	Annex III, Part I, point 8	24 months after notification of this Decision to CEN

Table 5 - requested harmonised standards on soil improvers

Reference information	Reference to legal provisions	Deadline for adoption
5.1 Determination of the cadmium, lead and nickel content Adaptation of standard: EN 13650	Annex I, Part2, PFC 3A and 3B, point 2, first, fourth and fifth bullet	12 months after notification of this Decision to CEN
5.2 Determination of the chromium VI content Adaptation of standard:	Annex I, Part2, PFC 3A and 3B, point 2, second bullet	12 months after notification of this Decision to CEN

EN 15192		
5.3 Determination of the mercury content Adaptation of standard: ISO 16722	Annex I, Part2, PFC 3A and 3B, point 2, third bullet	12 months after notification of this Decision to CEN
5.4 Salmonella detection Adaptation of standard: EN ISO 6579	Annex I, Part2, PFC 3A, point 3a	12 months after notification of this Decision to CEN
5.5 Escherichia Coli determination Adaptation of standard: ISO 16649-2, EN ISO 9308-3, CEN/TR 16193	Annex I, Part2, PFC 3A, point 3b, first bullet	12 months after notification of this Decision to CEN
5.6 Enterococcaceae determination Adaptation of standard: EN 15788	Annex I, Part2, PFC 3A, point 3b, second bullet	12 months after notification of this Decision to CEN
5.7 Determination of the dry matter content Adaptation of standard EN 13040	Annex I, Part2, PFC 3, point 4 Annex III, Part 2, PFC 3, first dash	12 months after notification of this Decision to CEN
5.8 Determination of the organic carbon content Adaptation of standard EN 15936	Annex I, Part2, PFC 3A, point 5 Annex III, Part 2, PFC 3, second dash	12 months after notification of this Decision to CEN
5.9 Determination of the total nitrogen content Adaptation of standard EN 13654-1, EN 13554-2	Annex III, Part 2, PFC 3, third dash	12 months after notification of this Decision to CEN
5.10 Determination of the total P₂O₅, K₂O content Adaptation of standard	Annex III, Part 2, PFC 3, fourth and fifth dashes	12 months after notification of this Decision to CEN

EN 13650		
5.11 Determination of the total copper and zinc content Adaptation of standard EN 13650	Annex III, Part 2, PFC 3, sixth dash	12 months after notification of this Decision to CEN
5.12 pH determination Adaptation of standard EN 13037	Annex III, Part 2, PFC 3, seventh dash	12 months after notification of this Decision to CEN
5.13 Quantity To be developed	Annex III, Part I, point 2b	24 months after notification of this Decision to CEN
5.14 Information on the chloride content Adaptation of the standard Determination: EN 16195	Annex III, Part I, point 8	24 months after notification of this Decision to CEN

Table 6 - requested harmonised standards on growing media

Reference information	Reference to legal provisions	Deadline for adoption
6.1 Determination of the cadmium, lead and nickel content Adaptation of standard: Extraction: EN 13650 Determination: ISO 11885 or EN 16319	Annex I, Part 2, PFC 4, point 2, first, fourth and fifth bullets	12 months after notification of this Decision to CEN
6.2 Determination of the chromium VI content Adaptation of standard: EN 15192	Annex I, Part 2, PFC 4, point 2, second bullet	12 months after notification of this Decision to CEN

6.3 Determination of the mercury content Adaptation of standard: ISO 16722	Annex I, Part 2, PFC 4, point 2, third bullet	12 months after notification of this Decision to CEN
6.4 Salmonella detection Adaptation of standard: EN ISO 6579	Annex I, Part 2, PFC 4, point 3	12 months after notification of this Decision to CEN
6.5 Escherichia Coli determination Adaptation of standard: ISO 16649-2, EN ISO 9308-3, CEN/TR 16193	Annex I, Part 2, PFC 4, point 4 (a)	12 months after notification of this Decision to CEN
6.6 Enterococcaceae determination Adaptation of standard: EN 15788	Annex I, Part 2, PFC 4, point 4 (b)	12 months after notification of this Decision to CEN
6.7 Determination of the electrical conductivity Adaptation of standard EN 13038	Annex III, Part 2, PFC 4, first bullet	12 months after notification of this Decision to CEN
6.8 pH determination Adaptation of standard EN 13037	Annex III, Part 2, PFC 4, second bullet	12 months after notification of this Decision to CEN
6.9 Total N, P₂O₅ and K₂O content Adaptation of standard Extraction : EN 13651 Determination : EN 13651	Annex III, Part 2, PFC 4, fifth, sixth and seventh bullets	12 months after notification of this Decision to CEN
6.10 Quantity Adaptation of standard	Annex III, Part II, PFC 4, third bullet Annex III, Part I, point 2b	12 months after notification of this Decision to CEN

EN 12580, EN 15238, EN 15761		
6.11 Information on the chloride content Adaptation of the standard Determination: EN 16195	Annex III, Part I, point 8	24 months after notification of this Decision to CEN

Table 7 - requested harmonised standards on plant biostimulants

Reference information	Reference to legal provisions	Deadline for adoption
7.1 Determination of the cadmium and lead content Extraction: EN 13650 Determination: ISO 11885 Or EN 16319 (Cd/Pb)	Annex I, Part 2, PFC 6, point 2, first and third bullets	24 months after notification of this Decision to CEN
7.2 Determination of the chromium VI content Adaptation of standard: EN 15192 or ISO 17075 part 2	Annex I, Part 2, PFC 6, point 2, second bullet	24 months after notification of this Decision to CEN
7.3 Determination of the mercury content Adaptation of standard: ISO 16722	Annex I, Part 2, PFC 6(A), point 2, first bullet Annex I, Part 2, PFC 6(B)(I), point 2, first bullet Annex I, Part 2, PFC 6(B)(II), point 2, first bullet	24 months after notification of this Decision to CEN
7.4 Determination of the nickel content Extraction: EN 13650 Determination: ISO 11885 Or	Annex I, Part 2, PFC 6A, point 2, second bullet Annex I, Part 2, PFC 6(B)(I), point 2, second bullet Annex I, Part 2, PFC 6(B)(II), point 2, second	24 months after notification of this Decision to CEN

EN 16319 (Cd/Pb)	bullet	
7.5 Determination of the arsenic content Extraction: EN 13650 Determination: ISO 11885 Or EN 16319	Annex I, Part 2, PFC 6(B)(II), point 2, third bullet	
7.6 Salmonella detection Adaptation of standard: EN ISO 6579	Annex I, Part2, PFC 6A, point 3	24 months after notification of this Decision to CEN
7.7 Escherichia Coli determination Adaptation of standard: ISO 16649-2, EN ISO 9308-3, CEN/TR 16193	Annex I, Part2, PFC 6A, point 4	24 months after notification of this Decision to CEN
7.8 Enterococcaceae determination Adaptation of standard: EN 15788	Annex I, Part2, PFC 6A, point 5	24 months after notification of this Decision to CEN
7.9 Listeria monocytogenes determination To be developed	Annex I, Part2, PFC 6A, point 6	24 months after notification of this Decision to CEN
7.10 Vibrio spp determination To be developed	Annex I, Part2, PFC 6A, point 7	24 months after notification of this Decision to CEN
7.11 Shigella spp determination To be developed	Annex I, Part2, PFC 6A, point 8	24 months after notification of this Decision to CEN
7.12 Staphylococcus Aureus To be developed	Annex I, Part2, PFC 6A, point 9	24 months after notification of this Decision to CEN

7.13 Determination of the aerobic plate count To be developed	Annex I, Part2, PFC 6A, point 10	24 months after notification of this Decision to CEN
7.14 Determination of the yeast and mould content To be developed	Annex I, Part2, PFC 6A, point 11	24 months after notification of this Decision to CEN
7.15 Shelf-life determination Adaptation of standard: To be developed	Annex I, Part II, PFC 6A, point 13	24 months after notification of this Decision to CEN
7.16 pH determination	Annex I, Part II, PFC 6A, point 12	24 months after notification of this Decision to CEN
7.17 Determination of the Azobacter spp To be developed.	Annex II, CMC7, table	24 months after notification of this Decision to CEN
7.18 Determination of the Mycorrhizal fungi content To be developed.	Annex II, CMC7, table	24 months after notification of this Decision to CEN
7.19 Determination of the Rhizobium spp To be developed.	Annex II, CMC7, table	24 months after notification of this Decision to CEN
7.20 Determination of the Azospillum spp To be developed.	Annex II, CMC7, table	24 months after notification of this Decision to CEN
7.21 Quantity Adaptation of standard EN 12580, EN 15238, EN 15761	Annex III, Part I, point 2b	24 months after notification of this Decision to CEN
7.22 Information on the chloride content	Annex III, Part I, point 8	36 months after notification of this Decision to CEN

Adaptation of the standard Determination: EN 16195		
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Table 8 - requested harmonised standards on specific CMCs requirements

Reference information	Reference to legal provisions	Deadline for adoption
8.1 Stability of chelating agents To be developed	Annex I, Part II, PFC 5(B), point 3	24 months after notification of this Decision to CEN
8.2 Stability of complexing agents To be developed	Annex I, Part II, PFC 5(C), point 3	24 months after notification of this Decision to CEN
8.3 Demonstration of the efficacy of nitrification inhibitors To be developed	Annex I, Part II, PFC 5(A)(I), point 2	24 months after notification of this Decision to CEN
8.4 Demonstration of the efficacy of urease inhibitors To be developed	Annex I, Part II, PFC 5(A)(II), point 2	24 months after notification of this Decision to CEN
8.5 Determination of the PAH content in compost and digestate Adaptation of technical specification CEN TS/16181	Annex II, Part 2, CMC 3, point 1(e), second bullet Annex II, Part 2, CMC 5, point 4	24 months after notification of this Decision to CEN
8.6 Determination of the macroscopic impurities content Adaptation of technical specifications CEN TS/16202	Annex II, Part 2, CMC3, point 4 Annex II, Part 2, CMC5, point 5	24 months after notification of this Decision to CEN
8.7 Determination of the maximum plastic content above 2mm To be developed	Annex II, Part 2, CMC3, point 4 and 5 Annex II, Part 2, CMC5, point 5 and 6	24 months after notification of this Decision to CEN

8.8 Temperature and time profile determination during composting and digestion To be developed	Annex II, Part 2, CMCs 3, 4 and 5, points 3	24 months after notification of this Decision to CEN
8.9 Oxygen uptake rate Adaptation of standard: EN 16087-1	Annex II, Part 2, CMCs 3, 4 and 5, point 6, 4 and 7, point (a) respectively	24 months after notification of this Decision to CEN
8.10 Self heating factor Adaptation of standard: EN 16087-2	Annex II, Part 2, CMC 3, point 6, point (b)	24 months after notification of this Decision to CEN
8.11 Residual biogas potential Adaptation of British standard: OFW004-004	Annex II, Part 2, CMC 4 and 5, point 4 and 7, point (b) respectively	24 months after notification of this Decision to CEN
8.12 Solubility in hot water of UF condensates To be developed	Annex II, part 2, CMC 9	24 months after notification of this Decision to CEN
8.13 Determination of formaldehyde in UF condensates To be developed	Annex II, Part 2, CMC 9	24 months after notification of this Decision to CEN
8.14 Determination of the biodegradability of polymers To be developed	Annex II, Part 2, CMC 10, point 2	24 months after notification of this Decision to CEN

Table 9 - requested harmonised standards on supporting information and claims

Reference information	Reference to legal provisions	Deadline for adoption
9.1 Nutrient use efficiency	Annex I, PFC 6	24 months after notification of this Decision to CEN

To be developed	Annex III, Part II, PFC 6, point f	
9.2 Tolerance to abiotic stress To be developed	Annex I, PFC 6 Annex III, Part II, PFC 6, point f	24 months after notification of this Decision to CEN
9.3 Quality traits To be developed	Annex I, PFC 6 Annex III, Part II, PFC 6, point f	24 months after notification of this Decision to CEN
9.4 Information on possible air quality impacts when urea is present To be developed	Annex III, Part II, PFC 1(B), point e	24 months after notification of this Decision to CEN

Table 10 - requested standards on sampling

Reference information	Reference to legal provisions	Deadline for adoption
10.1 Sampling methods for liquid and solid mineral fertilisers Adaptation of the standards: EN ISO 10249, ISO 8358, EN 1482-1, EN 1482-2, EN 1482-3		24 months after notification of this Decision to CEN
10.2 Sampling methods for liquid and solid organic fertilisers To be developed		24 months after notification of this Decision to CEN
10.3 Sampling methods for liquid and solid organo-mineral fertilisers To be developed		24 months after notification of this Decision to CEN
10.4 Sampling methods for liquid and solid liming materials Adaptation of the standards: EN 1482-1, EN 1482-2, EN 1482-3		24 months after notification of this Decision to CEN
10.5 Sampling methods for growing media and soil improvers		24 months after notification

Adaptation of the standards: EN 12579, EN 13040		of this Decision to CEN
10.6 Sampling methods for plant biostimulants To be developed		24 months after notification of this Decision to CEN

Table 11 – requested standards on glossary of technical terms

Reference information	Reference to legal provisions	Deadline for adoption
11.1 Description of the physical unit of mineral fertilisers Adaptation of the standard: Vocabulary: EN 12944-1	Annex III, Part 2, PFC 1(C) (I)(a), point 1 and 3	12 months after notification of this Decision to CEN