

EUROFEMA

EFPPA conference - 26 May 2022

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 - CMC
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EUROFEMA

European Organic Fertilizer Manufacturing Association

- Confederation of national associations
- Representing 40+ organic fertilizer manufacturers
- Member of the Fertilizer Expert Group
- Venice – 2007:

Free trade within the European union of organically based fertilizers

Belform
belgische federatie voor organische meststoffen
federation belge pour engrais organiques

unifa

Industrieverband Garten (IVG) e.V.
IVG
Durch und durch Garten!

BMA
Bureau Mest Afzet

FOMA

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Current situation

EU 2003 / 2003
Mineral fertilisers and lime

+

Mutual Recognition

26 member state regulations:

- Düngemittelverordnung
- Act on fertilizers and fertilising
- NFU standards
- Meststoffenwet
- Fastsættelse af regler om gødning og jordforbedringsmidler m.v.
- Verordnung über das Inverkehrbringen von Düngemitteln,
- Bodenhilfsstoffen, Kultursubstraten und Pflanzenhilfsmitteln
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Fertilising Products Regulation

EU 2019/1009
Mineral fertilisers
Lime
Organic fertilisers
Compost
Biostimulants
.....
+
Mutual Recognition

26 Local regulations:

- Düngemittelverordnung
- Act on fertilizers and fertilising
- NFU standards
- Meststoffenwet
- Fastsættelse af regler om gødning og jordforbedringsmidler m.v.
- Verordnung über das Inverkehrbringen von Düngemitteln,
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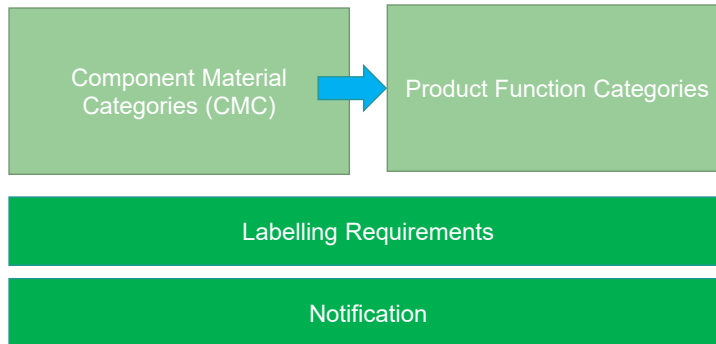
Status and Stature

- 16 July 2022 the FPR shall Apply
- Fertilising products must or can be placed on the EU market as CE marked fertiliser
- But local regulation are still applicable
- Mutual recognition is still applicable.

CE

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Structure of the FPR



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CMC's

- Description of the material
 - Criteria on:
 - Processing
 - Heat Treatment
 - Content
 - ..
- CMC 1: Virgin material substances and mixtures
CMC 2: Plants, plant parts or plant extracts
CMC 3: Compost
CMC 4: Fresh crop digestate
CMC 5: Digestate other than fresh crop digestate
CMC 6: Food industry by-products
CMC 7: Micro-organisms
CMC 8: Nutrient polymers
CMC 9: Polymers other than nutrient polymers
CMC 10: Derived products within the meaning of Regulation (EC) No 1069/2009
CMC 11: By-products within the meaning of Directive 2008/98/EC
CMC 12: Struvite
CMC 13: Ash
CMC 14: Biochar
CMC 15: recovered High purity materials

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CMC 10

- Empty until now !
- But EFSA delivered scientific advice in 2021
- END POINTS !

Expectations are that the following products will enter CMC 10 probably with some additional measures:

1. ash of Category 2 and 3 materials
2. glycerine of Category 2 and 3 materials
3. compost and biogas digestion residues
4. category 3 materials other than glycerine
5. feathers and down
6. horns, horn products, hooves and hoof
7. processed animal protein of Category 3
8. meat-and-bone meal of Category 2
9. blood products of Category 3
10. hydrolysed protein
11. Processed animal manures

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PFC's

- Description of the material
 - Criteria on:
 - Content
 - Heavy metals
 - Pathogens
 - No efficacy criteria
- PFC 1.A. Organic fertiliser
PFC 1.B. Organo-mineral fertiliser
PFC 1.C. Inorganic fertiliser
PFC 2. Liming material
PFC 3. Soil improver
PFC 4. Growing Media
PFC 5. Inhibitor
PFC 6. Plant biostimulant
PFC 7. Fertilising product blend

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Example Organic fertiliser PFC 1. A. I.

Minimum requirements:

- (a) 1 % by mass of total nitrogen (N),
- (b) 1 % by mass of total phosphorus pentoxide (P₂O₅), or
- (c) 1 % by mass of total potassium oxide (K₂O).
- The sum of those nutrient contents shall be at least 4 % by mass.
- Minimum 15% C_{org} = 27% organic matter

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Labeling guidelines

1. Guidance document on labelling
2. Relative straightforward
3. Digital labelling

| | |
|---|--------------------------|
| CE marking + identification-no. of notified body | |
| PFC designation | |
| Declaration of content / parameters to be adapted according to the specificities of the product (Nutrients for PFC 1, content for each PFC, physical data for PFC1, Plant biostimulant specifications for PFC6, Complementary Statements...) | |
| Content of N & P ₂ O ₅ (if above 0,5 % for Fertilizer (separate from nutrient declaration)) | |
| List of ingredients | |
| Instructions for use | |
| Recommended storage conditions | |
| Information on Safety and Environment | |
| Other information (optional information, under conditions) | |
| Production date /expiry date | Type number/Batch number |
| Quantity | Contact details |

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Straightforward but....

1. PFC on the label

1. Compound solid inorganic macronutrient ammonium nitrate fertiliser of high nitrogen content OF
2. PFC 1(C)(I)(a)(ii)(A) – Mineral fertiliser with ammonium nitrate of high nitrogen content

2. CMC on the label

1. Cocoa shell¹, Feather meal², Superphosphate concd.³ CAS n° 65996-95-4
2. Cocoa shell (CMC 2: Plants, plant parts or plant extracts), Feather meal (CMC 10: Derived products within the meaning of Regulation (EC) No 1069/2009), Superphosphate concd. CAS n° 65996-95-4 (CMC1: Virgin material substances and mixtures)

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5: Get Approved / Approve

Module A: Self assessment

Module A1: Notified body check detonation resistance and oil retention tests

Module B + C: Notified body checks design

Module D1: Notified body audit's quality system

Like ISO9001 / HACCP / BRC

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3: “Choose” Module

What procedures apply?



The modules are set depending on the component material category (CMC) or the product function category (PFC) of the EU fertilising product

Module A

- PFCs 1*-4 containing
- CMC 1 except 1(4) and
- CMCs 4, 6, 7, 8 and 11
- PFC 7*

Module B + C

- PFCs 1*-4 containing CMCs 1(4), 9 and 10
- PFCs 5 and 6

Module D1

- PFCs 1*-6 containing CMCs 3 and 5

**Module A1 shall be used for ammonium nitrate fertilisers of high nitrogen content.*

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Assess and document PFC's and CMC's

You will need to show that the CMC's and PFC's comply to the essential requirements

1. Product design
2. Results of analysis (methods ?)
3. Track record
4. Label
5.

In case of Module D1 : Set up a quality system

Guidance document expected

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Place your product on the market

1. Correct labeling
2. EU conformity declaration
3. Mark



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Impact of FPR

- Currently protected markets will open up
- E-Business
- End point for ABP's making trade of organic fertilisers much easier
- Member state regulations might slowly align wit FPR
- Substantial growth of organic fertiliser market

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