



Labelling requirements

Fertilisers Working Group meeting

2 June 2014

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Inorganic fertilisers – technical characteristics (1)

Forms of nitrogen in inorganic fertilisers if present (expressed in % of the product as received)

Total nitrogen

Nitric nitrogen

Ammoniacal nitrogen

Ureic nitrogen

Nitrogen from urea formaldehyde, isobutylidene diurea, crotonylidene diurea

Nitrogen from acetylene diurea

Cyanamide nitrogen

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Inorganic fertilisers – technical characteristics (2)

Forms of P and K in inorganic fertilisers if present (expressed in % of the product as received)

Total phosphorus -phosphorus in mineral acid

Water-soluble phosphorus

Phosphorus soluble in formic acid (specific to soft ground phosphate)

Phosphorus soluble in neutral ammonium citrate

Water-soluble K

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Inorganic fertilisers – technical characteristics (3)

- Water-soluble and total secondary nutrient content (percentage on the product as received)
- Total and water-soluble forms of micro-nutrients must be declared if added intentionally (percentage on the product as received)

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Thresholds for declaration of forms of secondary nutrients

- WG1 recommendation: current rules shall continue to apply
- Art 17: Ca, Mg, S and Na **must** be declared if above a given threshold
- Art 18 of the current Fertilisers Regulation: the declaration of the secondary nutrients shall be expressed in the total content and the content soluble in water where the soluble content is a quarter of the total content.
- DE: elemental S (organic S compounds) shall be declared on top of total and water-soluble S

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Thresholds for declaration of micro-nutrients

- WG1 recommendation: current rules shall continue to apply
- Art. 6.6 of the current Fertilisers Regulation: the total content shall be declared and the water-soluble content is declared where the soluble content is at least half of the total content.
- As regards mixtures of micro-nutrients, the minimum limit values for the declaration of the total micro-nutrient content as set out in COM Regulation (EC) No 223/2012 shall continue to apply.

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Inorganic fertilisers – Compulsory identification

- Identification of the product category + differentiation between compound, blended and coated fertilisers
- The quantity (in weight or volume)
- The relevant technical characteristics of inorganic fertiliser (see table above)
- The batch identification code
- Guidelines for the safe handling (Provisions of the CLP legislation, where applicable) and use (including possible limitation of use in accordance with MS provisions)
- Where relevant, a statement about the suitability – or not - of the product for particular plant groups
- The name and the address of the manufacturer or importer
- Presence of biuret, CI above a given threshold

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Inorganic fertiliser – Optional identification

- Trade name of the product
- Granulometry ?
- Recommended conditions of storage and the recommended 'use by' date (expiry date).

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Organic fertilisers – technical characteristics

Total nitrogen (expressed in % of the product as received)
Ammoniacal nitrogen
Ureic nitrogen
P soluble in mineral acid
Total and water-soluble K
Total Mg – Other secondary nutrients? water-soluble content? Min. limit values for declaration –See Art.17? No consensus
Declaration of the total and water-soluble contents of micro-nutrients in accordance with the minimum threshold limit values adopted for inorganic fertilisers ? No consensus – EBA optional <> ECOFI mandatory
Corg/Norg
Organic matter content (%)



Organic fertilisers – Compulsory identification

- Identification of the product category
- The quantity (in weight or volume)
- The relevant technical characteristics of organic fertiliser
- The batch identification code
- Guidelines for the safe handling (where applicable) and use (including possible limitation of use in accordance with MS provisions)
- Where relevant, a statement about the suitability – or not - of the product for particular plant groups
- The name and the address of the manufacturer or importer and
- The main constituents (animal by-product, by-product from the agro-food...) >5% by weight from which the product has been manufactured
- Responsible person (manufacturer, importer, distributor): 10 name and address





Organic fertiliser – Optional identification

- Trade name of the product
- Granulometry ?
- Recommended conditions of storage and the recommended 'use by' date.

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Organo-mineral fertilisers – technical characteristics

Forms of nutrients in organic fertilisers to be declared if present (expressed in % of the product as received)

On going work within ECOFI

C org

N total

N org

P2O5 total

K2O total

Humic/fulvic acid content (ISO std in development)

Corg/Norg

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Organo-mineral fertilisers – Compulsory identification

- Identification of the product category
- The quantity (in weight or volume)
- The relevant technical characteristics of organo-mineral fertiliser
- The batch identification code
- Guidelines for the safe handling (Provisions of the CLP legislation, where applicable) and use (including possible limitation of use in accordance with MS provisions)
- Where relevant, a statement about the suitability – or not - of the product for particular plant groups
- The name and the address of the manufacturer or importer
- The main constituents (animal by-product, inorganic fertiliser...) >5% by weight from which the product has been manufactured
- Responsible person (manufacturer, importer, distributor):¹³ name and address



Organo-mineral fertiliser – Optional identification

- Trade name of the product
- Granulometry
- Recommended conditions of storage and the recommended 'use by' date.



Liming materials – Parameters to be declared

Quality criteria on the products as received	Comments
Neutralising value	Mandatory declaration
Fineness by dry or wet sieving	Mandatory declaration. Percentage of product passing through a determined sieve
Total Ca (%)	Mandatory declaration
Total Mg (%)	Mandatory declaration where relevant
Reactivity (%)	Mandatory declaration for carbonate limes (EN 16357 or EN 13971) and limes from industrial by-products (slags –EN 13971) EN 14984 incubation – optional No reactivity determination for reactive products
Moisture (%)	For natural limes and oxide and hydroxide limes ¹⁵



Liming materials – Compulsory identification

- Identification of the product category
- The quantity (in weight or volume)
- The relevant technical characteristics of liming materials (e.g. granulometry)
- The batch identification code
- Guidelines for the safe handling (Provisions of the CLP legislation, where applicable) and use (including possible limitation of use in accordance with MS provisions)
- Where relevant, a statement about the suitability – or not - of the product for particular plant groups
- The name and the address of the manufacturer or importer
- Main constituents >5% by weight from which the product has been manufactured
- Responsible person (manufacturer, importer, distributor): ¹⁶ name and address



Liming materials – Optional identification

- Trade name of the product
- Recommended conditions of storage and the recommended 'use by' date.

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Organic soil improver – Criteria to be declared

Labelling criteria (expressed on the product as received)
pH
Organic matter content (%) or organic C content (%)?
Neutralising value (where relevant)
Total nitrogen (%)
Total phosphorus (%)
Total potassium (%)
Dry matter content (%)
Electrical conductivity (mS/m)
C/N ratio (where relevant – EBA against mandatory labelling)
Quantity/ Volume



Organic soil improver – Criteria to be declared

Labelling criteria (expressed on the product as received except mentioned otherwise)

Total Mg content

Cu if > 200 mg/kg d.m

Zn if > 600 mg/kg d.m

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Soil improver – Compulsory identification

- Identification of the product category
- The quantity (in weight or volume)
- The relevant technical characteristics of soil improver
- The batch identification code
- Guidelines for the safe handling (where applicable) and use (including possible limitation of use in accordance with MS provisions)
- Where relevant, a statement about the suitability – or not - of the product for particular plant groups
- The name and the address of the manufacturer or importer
- The main constituents (animal by-product, by-products from the agro-food...) >5% by weight from which the product has been manufactured
- Responsible person (manufacturer, importer, distributor): name and address



Soil improver – Optional identification

- Trade name of the product
- Recommended conditions of storage and the recommended 'use by' date.
- Granulometry for compost

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Growing media – mandatory criteria to be declared

Electrical conductivity (mS/m)
pH
Quantity by volume at time of filling (litres) up to 60mm
Quantity by volume-determination of materials with particle size greater than 60 mm
Quantity by volume-determination of pre-shaped GM
Amount of fertiliser added (kg/m ³) if present
Presence of fertilising additives (see slide 28)

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Growing media – optional criteria to be declared

CAT soluble and water-soluble nitrogen (mg/l)

CAT soluble and water-soluble phosphorus (mg/l)

CAT soluble and water-soluble potassium (mg/l)
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Total pore space (% by volume at a given pressure)
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Water volume (% by volume at a given pressure)
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Air volume (% by volume at a given pressure)
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Shrinkage (% by volume)

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Growing media – Compulsory identification

- Identification of the product category
- The quantity (volume)
- The relevant technical characteristics of growing media
- The batch identification code
- Guidelines for the safe handling (where applicable) and use
- Where relevant, a statement about the suitability – or not - of the product for particular plant groups
- Main constituents (compost, animal by-products, peat, perlite, rock wool...) of the main input materials (>5% by weight) from which the product has been manufactured
- Responsible person (manufacturer, importer, distributor): name and address

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Growing media – Optional identification

- Trade name of the product
- Recommended conditions of storage

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Plant biostimulant – Compulsory identification for all products

- Identification of the product category
- EU registration number
- Product name
- Active ingredients in descending order of abundance (expressed in general terms – “plant extracts”)
- Registry functional claim(s): to which part(s) of the regulatory definition do the claimed benefits correspond – e.g. “benefit nutrient uptake”
- Minimum guaranteed content
- Indications of the dose rates and suitable conditions of use
- Net mass or volume for fluid biostimulants at time of manufacture and expressed as kg or lt

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Plant biostimulant – Compulsory identification for all products

- Expiration date, where relevant
- Storage and handling recommendations (e.g. CLP provisions)
- Mark of the manufacturer and the trade description of the product
- Batch code
- Responsible person (manufacturer, importer, distributor): name and address

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Plant biostimulant – Compulsory identification if relevant

- Detailed claims (where the producer claims more detailed benefits than the general definition)
- Any major nutrients (N, P₂O₅, K₂O, MgO, CaO, SO₃) that are present in amounts exceeding 1% on the product as received
- Total micronutrient content if present above 0.01% on the product as received
- For the nutrients: specify type (inorganic, organic), performance characteristics (e.g. water soluble or chelated)

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Plant biostimulant mixed with other products

- Labelling requirements that would apply to all plant biostimulants
 - An indication of EU registration
 - Product name
 - Registry claims
 - Conc. of the biostimulant in the mixture (kg/t or ml/l)
 - Indications of dose rates and suitable conditions of use
 - All labelling requirements for the other component of the mixture
- Labelling that is required if relevant for the product
 - Detailed claims (beyond definition claims)

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Thank you for your attention

Please send us your remarks/comments by the end of June at the latest.

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