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**COMMISSION REGULATION (EU) 2026/1123**

**of 26 May 2026**

**laying down labelling requirements for plant protection products and repealing Regulation (EU)  
No 547/2011**

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC <sup>(1)</sup>, and in particular Article 65(1) thereof,

Whereas:

- (1) Commission Regulation (EU) No 547/2011 <sup>(2)</sup> contains requirements for the labelling of plant protection products, including standard phrases for special risks to human or animal health and safety precautions for the protection of human or animal health or of the environment as well as the attribution criteria for those standard phrases and safety precautions.
- (2) The labelling requirements for substances and mixtures set out in Regulation (EC) No 1272/2008 of the European Parliament and of the Council <sup>(3)</sup> have been amended by Commission Delegated Regulation (EU) 2023/707 <sup>(4)</sup> and Regulation (EU) 2024/2865 of the European Parliament and of the Council <sup>(5)</sup>. In order to facilitate the implementation and enforcement of Regulation (EC) No 1107/2009 and Regulation (EU) 2017/625 of the European Parliament and of the Council <sup>(6)</sup>, certain elements of the labelling requirements for plant protection products should be aligned to the new labelling requirements applicable under Regulation (EC) No 1272/2008.
- (3) Pursuant to Article 65(3) of Regulation (EC) No 1107/2009, Member States must notify to the other Member States and the Commission the additional national labelling phrases necessary to protect human or animal health or the environment in their territories. The Member States have notified additional phrases requiring personal protective equipment and specific technical equipment for specific tasks. In addition, the Member States have notified phrases that contain risk mitigation measures to address their specific environmental or agricultural circumstances pursuant to Article 36(3) of Regulation (EC) No 1107/2009. The Commission has compiled the additional phrases as notified by the Member States and considered them for inclusion in this Regulation.

<sup>(1)</sup> OJ L 309, 24.11.2009, p. 1, ELI: <http://data.europa.eu/eli/reg/2009/1107/oj>.

<sup>(2)</sup> Commission Regulation (EU) No 547/2011 of 8 June 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards labelling requirements for plant protection products (OJ L 155, 11.6.2011, p. 176, ELI: <http://data.europa.eu/eli/reg/2011/547/oj>).

<sup>(3)</sup> Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ L 353, 31.12.2008, p. 1, ELI: <http://data.europa.eu/eli/reg/2008/1272/oj>).

<sup>(4)</sup> Commission Delegated Regulation (EU) 2023/707 of 19 December 2022 amending Regulation (EC) No 1272/2008 as regards hazard classes and criteria for the classification, labelling and packaging of substances and mixtures (OJ L 93, 31.3.2023, p. 7, ELI: [http://data.europa.eu/eli/reg\\_del/2023/707/oj](http://data.europa.eu/eli/reg_del/2023/707/oj)).

<sup>(5)</sup> Regulation (EU) 2024/2865 of the European Parliament and of the Council of 23 October 2024 amending Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (OJ L, 2024/2865, 20.11.2024, ELI: <http://data.europa.eu/eli/reg/2024/2865/oj>).

<sup>(6)</sup> Regulation (EU) 2017/625 of the European Parliament and of the Council of 15 March 2017 on official controls and other official activities performed to ensure the application of food and feed law, rules on animal health and welfare, plant health and plant protection products, amending Regulations (EC) No 999/2001, (EC) No 396/2005, (EC) No 1069/2009, (EC) No 1107/2009, (EU) No 1151/2012, (EU) No 652/2014, (EU) 2016/429 and (EU) 2016/2031 of the European Parliament and of the Council, Council Regulations (EC) No 1/2005 and (EC) No 1099/2009 and Council Directives 98/58/EC, 1999/74/EC, 2007/43/EC, 2008/119/EC and 2008/120/EC, and repealing Regulations (EC) No 854/2004 and (EC) No 882/2004 of the European Parliament and of the Council, Council Directives 89/608/EEC, 89/662/EEC, 90/425/EEC, 91/496/EEC, 96/23/EC, 96/93/EC and 97/78/EC and Council Decision 92/438/EEC (Official Controls Regulation), (OJ L 95, 7.4.2017, p. 1, ELI: <http://data.europa.eu/eli/reg/2017/625/oj>).

- (4) The attribution criteria of some of the standard phrases of Regulation (EU) No 547/2011 were not linked to the outcome of the risk assessment. In order to facilitate the work of the risk managers in the Member States, standard phrases should be assigned to the label of plant protection products for which the risk assessment shows that restrictions of use or specific risk mitigation measures should be applied to protect human health (operators, workers, bystanders and residents) or the environment. Additionally, other phrases that aim to communicate specific good agricultural practices when using fumigants, rodenticides or products for seed treatment are also categorised. At the same time, the Member States should provide supplementary precisions related to the risk mitigation measures identified by the risk managers when authorising a plant protection product pursuant to Article 36(3) of Regulation (EC) No 1107/2009, in spaces or placeholders placed in those standard phrases for that purpose.
- (5) For certain categories of plant protection products, specific precautionary phrases and good agricultural practices should be systematically attributed, independently of the outcome of the risk assessment.
- (6) Digital labels could improve the communication of the potential risks of plant protection products and could offer users advantages like larger fonts, auto-search, voice assistance or translation into other languages. Moreover, digital labels on plant protection products could enhance the transition to digital agriculture and the uptake of precision application techniques, enabling the transfer of the authorised conditions of use to the application machinery, local maps, or weather stations, as well as simplifying the reporting in line with Commission Implementing Regulation (EU) 2023/564 <sup>(7)</sup>. Therefore, it is appropriate to require a digital label for plant protection products, in addition to the physical label, and to lay down requirements concerning the digital labels.
- (7) The physical and digital label of a plant protection product should as a rule contain the same elements, reflecting the content of the authorisation granted, with some limited flexibility during grace periods pursuant to Article 46 of Regulation (EC) No 1107/2009.
- (8) It is appropriate to allow the use of fold-out labels for plant protection products, as well as, for small packages, the possibility to provide the label in a leaflet format accompanying the package. For fold-out labels, the rules applicable to the presentation of fold-out labels under Regulation (EC) No 1272/2008 should apply.
- (9) Following the entry into force of Commission Regulation (EU) 2024/1487 <sup>(8)</sup> safeners and synergists on the market will become subject to approval at Union level under Regulation (EC) No 1107/2009. It is therefore appropriate that the name of the safener(s) and synergist(s) approved under that Regulation contained in a plant protection product as well as their respective concentration is indicated in the label.
- (10) Pursuant to Article 55 of Regulation (EC) No 1107/2009, proper use of a plant protection product must include the application of the principles of integrated pest management. Therefore, to remind users about the obligation to apply the principles of integrated pest management, a specific standard phrase should be included on the label of plant protection products authorised for professional users.
- (11) The label of the product should inform professional users about the conditions of use of the authorised plant protection product, including the possibility of using precision application techniques. These techniques allow users to apply the authorised plant protection products in a more precise and accurate manner compared to conventional application equipment. They allow a reduction of the plant protection product applied per hectare while maintaining the authorised application rate on the target surfaces. Precision application techniques may contribute to an overall reduction of the environmental exposure to plant protection products and may encourage a more efficient, targeted, and sustainable use.

<sup>(7)</sup> Commission Implementing Regulation (EU) 2023/564 of 10 March 2023 as regards the content and format of the records of plant protection products kept by professional users pursuant to Regulation (EC) No 1107/2009 of the European Parliament and of the Council (OJ L 74, 13.3.2023, p. 4, ELI: [http://data.europa.eu/eli/reg\\_impl/2023/564/oj](http://data.europa.eu/eli/reg_impl/2023/564/oj)).

<sup>(8)</sup> Commission Regulation (EU) 2024/1487 of 29 May 2024 defining data requirements for the approval of safeners and synergists and establishing a work programme for the gradual review of safeners and synergists on the market (OJ L, 2024/1487, 30.5.2024, ELI: <http://data.europa.eu/eli/reg/2024/1487/oj>).

- (12) To prevent waste from the disposal of the plant protection products' packaging, and not only from the disposal of the plant protection products themselves, standard phrases for their safe disposal should be established.
- (13) To improve the communication to the user about plant protection products potentially hazardous to bees, a specific phrase and pictogram should be established.
- (14) In compliance with Commission Regulation (EU) No 283/2013 <sup>(9)</sup> and the uniform principles set out in Commission Regulation (EU) No 546/2011 <sup>(10)</sup>, all micro-organisms are to be regarded as potential sensitisers until validated tests for assessing their sensitisation are available. Therefore, a specific precautionary sentence to warn about the potential of micro-organisms to cause sensitising reactions should be established.
- (15) End users of treated seeds must be informed about the potential risks that may come from the sowing of treated seeds, caused by the plant protection product(s) which have been used to treat the seeds. As the end user of treated seeds does not always have access to the label of the plant protection product(s) with which the seeds are treated, certain standard phrases to communicate risk mitigation measures when handling or sowing the treated seeds should be included both on the label of the plant protection product(s) and on the label and documents accompanying the treated seeds in accordance with Article 49(4) of Regulation (EC) No 1107/2009.
- (16) To provide Member States adequate tools to combat the trade of illegal plant protection products, it is appropriate to establish a specific labelling requirement for plant protection products subject to a parallel trade permit granted under Article 52 of Regulation (EC) No 1107/2009. In line with the judgment of the European Court of Justice in Case C-830/21, Syngenta Agro <sup>(11)</sup>, it should be clarified that the batch number of the formulation concerned allocated by the initial manufacturer, the permit number and the name and address of the permit holder should be included on the label of a parallel traded product.
- (17) Pursuant to Article 54 of Regulation (EC) No 1107/2009, plant protection products can be used for research or development purposes. Considering that these products do not require an authorisation and to provide researchers with safety instructions, certain requirements concerning the labelling of plant protection products which are to be used for such purposes should be maintained.
- (18) To ensure that competent authorities, authorisation holders, suppliers and professional or non-professional users have enough time to adapt to the new requirements set out in this Regulation, its date of application should be deferred.
- (19) In addition, a transitional measure should be introduced to ensure a gradual implementation of the new requirements set out in this Regulation on the occasion of new authorisations and renewals of authorisations of plant protection products. Since a draft label must be submitted in applications for such authorisations or renewals, this transitional measure should apply where the respective application was submitted before the date of application of this Regulation. However, where the label of such plant protection products must be amended or is updated, some of the new requirements set out in this Regulation should apply to the amended label without waiting for the next renewal of the authorisation.
- (20) Due to the high number of amendments and in the interest of clarity, it is appropriate to repeal Regulation (EU) No 547/2011 and replace it by a new Regulation.
- (21) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on Plants, Animals, Food and Feed,

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<sup>(9)</sup> Commission Regulation (EU) No 283/2013 of 1 March 2013 setting out the data requirements for active substances, in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market (OJ L 93, 3.4.2013, p. 1, ELI: <http://data.europa.eu/eli/reg/2013/283/oj>).

<sup>(10)</sup> Commission Regulation (EU) No 546/2011 of 10 June 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards uniform principles for evaluation and authorisation of plant protection products (OJ L 155, 11.6.2011, p. 127, ELI: <http://data.europa.eu/eli/reg/2011/546/oj>).

<sup>(11)</sup> Judgment of the Court of Justice of 7 December 2023, *Syngenta Agro*, C-830/21, ECLI:EU:C:2023:959.

HAS ADOPTED THIS REGULATION:

#### Article 1

##### General rules

1. The label elements referred to in Articles 3, 4, 5, 6, 7 and 10 of this Regulation shall be provided on a label in a physical form ('physical label') and in a digital form ('digital label').
2. The authorisation holder or the permit holder of a plant protection product shall ensure that the physical and digital label of the plant protection product contain the same elements. Those elements shall reflect the content of the respective authorisation granted in accordance with Regulation (EC) No 1107/2009.
3. By way of derogation from paragraph 2, where the authorisation of a plant protection product is amended and a grace period is granted under Article 46 of Regulation (EC) No 1107/2009, its digital label may be updated in accordance with the amended authorisation before the end of that grace period.
4. The physical label may be presented in the form of a fold-out label. In that case, Section 1.2.1.6 of Annex I to Regulation (EC) No 1272/2008 shall apply *mutatis mutandis*.
5. In the case of small packages, the information required by point (j) to (s) of Annex I may be indicated on a separate leaflet accompanying the package. Such a leaflet shall be regarded as part of the physical label.
6. The authorisation holder or the permit holder of a plant protection product may include additional information on the physical and the digital label, provided it is in accordance with the content of the respective authorisation granted in accordance with Regulation (EC) No 1107/2009.

#### Article 2

##### Digital label

1. A data carrier as defined in Article 2, point (39), of Regulation (EC) No 1272/2008 linking to the digital label shall be printed on the physical label.
2. The digital label shall be accessible without a need for an account and shall be free of charge.
3. Upon the withdrawal of a plant protection product from the market or, where applicable, upon the end of the grace period referred to in Article 46 of Regulation (EC) No 1107/2009, its digital label shall be deactivated, or a clear statement indicating that the product is no longer authorised in the Member State concerned shall be visible to the user.

#### Article 3

##### Information on the plant protection product identification and its conditions of use

The label of a plant protection product shall contain information on the plant protection product's identification and its conditions of use as set out in Annex I.

#### Article 4

##### Standard phrases for safe disposal

The label of a plant protection product shall contain standard phrases for safe disposal of the container of the plant protection product as set out in Annex II, where this is required according to the attribution criteria set out in that Annex.

*Article 5***Standard phrases and pictogram for hazard communication**

1. The label of a plant protection product shall contain standard phrases for hazard communication as set out in Annex III, where this is required according to the attribution criteria set out in that Annex.
2. The label of a plant protection product shall contain a standard phrase and a pictogram to communicate the potential hazard of the product to bees as set out in Annex III, where this is required according to the attribution criteria set out in that Annex.
3. The label of a plant protection product containing micro-organisms as active substance shall contain a standard phrase to communicate the potential to cause sensitising reactions as set out in Annex IV.

*Article 6***Standard phrases for risk mitigation measures**

1. The label of a plant protection product shall contain standard phrases for risk mitigation measures as set out in Annex V, where this is required according to the attribution criteria set out in that Annex.
2. The competent authorities shall, if necessary, require supplementary precisions in the standard phrases set out in Annex V where the placeholders or spaces indicate the option of doing so.

*Article 7***Standard phrases related to the sowing of treated seeds**

1. Standard phrases related to the sowing of treated seeds included in Section 7.2 of Annex V shall be placed, where this is required according to the attribution criteria set out in that Annex, both on the label of the plant protection product authorised for seed treatment uses and on the label and the documents accompanying the treated seeds.
2. Where relevant, additional phrases from the label of the plant protection product linked to risk mitigation measures shall be included also on the label and documents accompanying the treated seeds.
3. The competent authorities shall, if necessary, require supplementary precisions in the standard phrases set out in Annex V where the placeholders or spaces indicate the option of doing so.

*Article 8***Misleading information on the label**

The label of a plant protection product shall not display misleading statements, in particular suggesting that the plant protection product is non-hazardous or statements that are inconsistent with the classification of the plant protection product pursuant to Regulation (EC) No 1272/2008 or inconsistent with the content of the authorisation granted under Regulation (EC) No 1107/2009.

*Article 9***Language**

The label shall be written in the official language or languages of the Member State where the plant protection product is placed on the market unless the Member State concerned provides otherwise.

*Article 10***Parallel traded products**

1. The label of a plant protection product for which a parallel trade permit has been granted in one Member State (Member State of introduction) under Article 52 of Regulation (EC) No 1107/2009 shall include the following additional elements:
  - (a) permit number;
  - (b) name, address and telephone number of the permit holder. This may replace the name, address and telephone number of the authorisation holder in the Member State of origin.
2. The batch number of the plant protection product shall be the one allocated by the manufacturer of the plant protection product authorised in the Member State of origin.

*Article 11***Plant protection products to be used for research and development**

1. By way of derogation from Articles 1 to 7 of this Regulation, the label of a plant protection product to be used for experiments or tests for research or development purposes, as provided for in Article 54 of Regulation (EC) No 1107/2009, shall comply, where relevant, only with points (c), (d), (e) and (k) of Annex I.
2. The label shall include information on the specific conditions imposed on the basis of Article 54(1) of Regulation (EC) No 1107/2009 and the words 'product intended for experimental use, not fully characterised, handle with extreme care'.

*Article 12***Transitional measures**

1. Regulation (EU) No 547/2011 shall continue to apply to the label of plant protection products for which the authorisation or the latest renewal of the authorisation under Regulation (EC) No 1107/2009 has been granted on the basis of an application submitted before 1 January 2028.
2. By way of derogation from paragraph 1, in case the label of a plant protection product concerned has to be amended after 1 January 2028, the amended label of that plant protection product shall contain a digital label as referred to in Article 2.
3. By way of derogation from paragraph 1, the label of plant protection products may already comply with some or all of the requirements of this Regulation. In that case the updated label shall contain at least a digital label as referred to in Article 2.
4. By way of derogation from paragraph 1, by 1 January 2030 at the latest, all labels of plant protection products shall contain a digital label as referred to in Article 2.

*Article 13***Repeal**

Regulation (EU) No 547/2011 is repealed.

References to the repealed Regulation shall be construed as references to this Regulation.

*Article 14***Entry into force and application**

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

It shall apply from 1 January 2028.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 26 May 2026.

*For the Commission*  
*The President*  
Ursula VON DER LEYEN

## ANNEX I

## INFORMATION ON THE PLANT PROTECTION PRODUCT IDENTIFICATION AND CONDITIONS OF USE

## 1. INFORMATION ON PLANT PROTECTION PRODUCT IDENTIFICATION

- (a) **Trade name or proposed trade name.**
- (b) **Authorisation number of the plant protection product.**
- (c) Name, address and telephone number of the **authorisation holder** and, if different, the name and address of the **company placing the product on the market.**
- (d) **Formulation type** (for example: wettable powder, emulsifiable concentrate).
- (e) **Name and the concentration of active substance(s) that the plant protection product contains.**

The name of each active substance as common name expressed as provided for in Commission Implementing Regulation (EU) No 540/2011<sup>(1)</sup> with clear indication of the chemical form, or if not included therein its ISO common name. If the latter is not available, the active substance shall be designated by its chemical designation according to IUPAC rules.

In case the active substance is a micro-organism, the name of the approved strain as provided for in Implementing Regulation (EU) No 540/2011 and any other designation which may be relevant to identify the micro-organism (for example, isolate level, if relevant for viruses).

The concentration of each active substance expressed as follows:

- for chemical active substances in formulations which are solids, aerosols, volatile liquids (maximum boiling point 50 °C) or viscous liquids (lower limit 1 Pa s at 20 °C), as % w/w and g/kg,
  - for chemical active substances in other liquids/gel formulations, as % w/w and g/l,
  - for chemical active substances in formulations which are gases, as % v/v (at atmospheric pressure) and % w/w,
  - for active substances that are micro-organisms:
    - the number of active units per volume or weight of plant protection product, for example, colony forming units or international units per volume or weight, or any other manner that is most relevant to the plant protection action
    - and the weight of active substance per volume or weight of plant protection products, if applicable.
- (f) **Name and the concentration of the safener(s) and synergist(s) that the plant protection product contains.**
- (g) **Net quantity of plant protection product given in:**
- g or kg for solid formulations
  - ml or l for liquid formulations (at room temperature)
  - g, kg, ml or l for gases (as measured at atmospheric pressure and room temperature).

<sup>(1)</sup> Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances (OJ L 153, 11.6.2011, p. 1, ELI: [http://data.europa.eu/eli/reg\\_impl/2011/540/oj](http://data.europa.eu/eli/reg_impl/2011/540/oj)).

(h) **Formulation batch number and date of manufacture.**

This information may be included only on the packaging of the plant protection product.

The digital label of the plant protection product shall include the following: 'Refer to the formulation batch number and date of manufacture indicated on the physical label or on the packaging of the plant protection product.'

(i) **Information on first aid.**

This information may be also included on the packaging of the plant protection product.

## 2. CONDITIONS OF USE OF THE PLANT PROTECTION PRODUCT

(j) The **categories of users** allowed to use the plant protection product, where use is limited to certain categories.

(k) The **type of action** of the plant protection product (for example: insecticide, growth regulator, herbicide, fungicide) and where relevant the **pest(s) to be controlled**. If available and relevant, the **mode of action** of the active substance(s) in accordance with Resistance Committees Codes <sup>(2)</sup>.

This statement may use descriptive terms such as 'kills', 'controls', 'repels', 'eradicates'.

(l) **Crop(s)**, where relevant, growth stage(s) of plants in accordance with the BBCH monograph <sup>(3)</sup>, **or situations/land use(s)** <sup>(4)</sup> for which the plant protection product has been authorised.

(m) **Conditions of use** for which the plant protection product has been authorised. Where relevant, any other specification of the **method of application** required in the authorisation should be stated.

The label of plant protection products authorised for **professional users** shall include the following:

'To be used in accordance with the general principles of integrated pest management'.

(n) **Dose rate including the maximum rate per application, where applicable, also the minimum rate per application, the maximum number of applications**, information on season at time of application and the interval between each application.

Where relevant, the label of a plant protection product limited to **professional users** shall include the following:

'When using equipment that increases the precision and accuracy of the application compared to conventional application equipment, reductions of the applied plant protection product per hectare are allowed if the authorised application rate on the target surfaces is maintained.'

(o) Where relevant, **safety interval, re-entry intervals, withholding intervals** necessary to minimise the presence of residues in or on crops, plants and plant products, or in treated areas or spaces, with a view to protecting humans, animals and the environment, shall be specified, such as:

- pre-harvest interval
- re-entry interval (in days) for livestock, to areas to be grazed
- re-entry interval (in hours or days) for humans to crops, buildings or spaces treated
- withholding interval (in days) for animal feeding stuffs and for post-harvest uses
- waiting period (in days) between application and handling treated products.

<sup>(2)</sup> Resistance Action Committee for herbicides (HRAC), insecticides (IRAC) and fungicides (FRAC).

<sup>(3)</sup> Meier, Uwe, ed. Growth stages of mono- and dicotyledonous plants. BBCH Monograph. Quedlinburg 2018. Open Agrar Repository. doi: 10.5073/20180906-074619 ISBN: 978-3-95547-071-5.

<sup>(4)</sup> Refers to not agricultural areas: forests, public spaces, railways, etc.

- (p) **Restrictions/specific farming practices** set by the competent authorities when authorising the plant protection product with consideration for specific local conditions.
- (q) Particulars of possible **phytotoxicity**, varietal susceptibility, and any other direct or indirect adverse side effects on plants or products of plant origin together with the intervals to be observed between application and sowing or planting of:
- the crop in question, or
  - succeeding and adjacent crops.
- (r) Appropriate **conditions of storage** (for example: humidity, storage temperature, exposure to light of the package) and **safe disposal of the plant protection product and of the packaging** according to the specific provisions set by Member States if these differ from the standard phrases of Annex II.
- (s) Where considered necessary, **the expiry date of the plant protection product**.  
This information may be included only on the packaging of the plant protection product.  
The digital label of the plant protection product shall include the following: 'Refer to the expiry date indicated on the physical label or on the packaging of the plant protection product.'
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## ANNEX II

**STANDARD PHRASES FOR SAFE DISPOSAL OF THE PLANT PROTECTION PRODUCTS AND THEIR CONTAINER (SD) AND ATTRIBUTION CRITERIA****SD 1: Do not re-use the container.**

This phrase shall be assigned to all plant protection products.

**SD 2: To protect the aquatic environment including groundwater, do not clean application equipment near surface water.**

Where relevant, this phrase shall be assigned to the plant protection product. Such phrase shall be assigned to plant protection products classified as hazardous to the aquatic environment according to Regulation (EC) No 1272/2008.

Where relevant, information according to the national provisions set by Member States on the disposal of products and its packaging could be added to the phrase.

**SD 3: Rinse container with water three times before disposal.**

Where relevant, this phrase shall be assigned only to plant protection products that are supplied in washable containers.

Where relevant, information according to the national provisions set by Member States on the disposal of products and its packaging could be added to the phrase.

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## ANNEX III

## STANDARD PHRASES FOR HAZARD COMMUNICATION AND ATTRIBUTION CRITERIA

## 1. STANDARD PHRASES FOR HAZARDS TO HUMAN HEALTH (RSh) AND ATTRIBUTION CRITERIA

**RSh 1: May cause photosensitisation.**

The phrase shall be assigned where there is clear evidence from experimental systems or documented human exposure that the plant protection product show photosensitising effects. The phrase shall also be applied to plant protection products containing an active substance or formulation ingredient, which shows photosensitising effects in humans if the respective product contains this photosensitising component at a concentration of 1 % (w/w) or higher.

**RSh 2: Contact with vapour causes skin burns and eyes damage and contact with liquid causes freezing.**

The phrase shall be assigned to plant protection products formulated as liquefied gas, where appropriate, unless hazard statements H314 or H281 provided for in Regulation (EC) No 1272/2008 are assigned.

## 2. STANDARD PHRASE FOR HAZARDS TO BEES (RShb), PICTOGRAM AND ATTRIBUTION CRITERIA

**RShb: Hazardous to bees.**

The phrase and the pictogram shall be assigned to any plant protection product:

- for which a standard <sup>(1)</sup> test for acute contact toxicity or for acute oral toxicity on adult honeybees, bumble-bees or solitary bees is required according to Commission Regulation (EU) No 284/2013 <sup>(2)</sup> and shows that the acute LD50 value is equal or below 11 µg formulation /bee. In case there is more than one LD50 value for the formulation available, the one showing the lowest LD50 shall be considered, or
- to which any of the SPb 1, SPb 2, SPb 3, SPb 4 and SPb 5 phrases of Section 4.1 of Annex V has been assigned.

The phrase and the pictogram shall be displayed in the label together with the SPb phrases as set out in Section 4.1 of Annex V.

Format of the hazard pictogram:

- (a) The pictogram shall have the shape of an equilateral triangle.
- (b) The pictogram shall have a minimum dimension of 10 × 10 millimetres, corresponding to the height and width of the equilateral triangle. The frame of the triangle shall have a minimum width of 1,5 millimetres.

<sup>(1)</sup> OECD agreed test protocols.

<sup>(2)</sup> Commission Regulation (EU) No 284/2013 of 1 March 2013 setting out the data requirements for plant protection products, in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market (OJ L 93, 3.4.2013, p. 85, ELI: <http://data.europa.eu/eli/reg/2013/284/oj>).

- (c) The colours of the pictogram shall be:
    - (i) CMYK – cyan, magenta, yellow and black, following this example: 0,70,100,0: 0 % cyan, 70 % magenta, 100 % yellow, 0 % black.
    - (ii) The frame of the triangle red (0,100,100,0).
    - (iii) The background of the triangle 100% white.
  - (d) The pictogram shall include a black (0,0,0,100) and white symbol of a dead bee in the centre of the triangle. The symbol of the dead bee shall be the one in the figure shown in the present point.
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## ANNEX IV

## STANDARD PHRASE FOR PLANT PROTECTION PRODUCTS CONTAINING MICRO-ORGANISMS (RSMo)

**RSMo: Contains a micro-organism. It may have the potential to cause sensitising reactions.**

The phrase shall always be assigned to all plant protection product containing micro-organisms as precautionary statement.

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## ANNEX V

## STANDARD PHRASES FOR RISK MITIGATION MEASURES AND ATTRIBUTION CRITERIA

## 1. STANDARD PHRASES FOR RESTRICTIONS OF USE (SRu) AND ATTRIBUTION CRITERIA

**SRu 1: (Contains (name of active substance (s) to be specified) / forms the metabolite(s) (name of the metabolite (s) to be specified)). To protect (human health, environmental compartment, group of organisms or species to be specified),**

- **(do not) use/apply (this or any other product containing (name of active substance (s) to be specified)) (temporal restrictions, restrictions to growth stages or frequency of use to be specified), or**
- **respect a minimum interval (time to be specified) between applications (with (name of the plant protection product/products containing (active substance) to be specified)).**

SRu 1 shall be assigned to plant protection products for which the risk assessment according to the uniform principles concludes that temporal restrictions (for example: period of the year, day, re-entry period, non-consecutive years – every 2nd or 3rd year, more than twice per year) or restrictions to growth stages (pre-emergence only, non-flowering period, before fruit setting, etc.) or frequency of use are needed to protect human health and/or to prevent unacceptable effects on the environment.

**SRu 2: To protect (human health, environmental compartment, group of organisms or species to be specified), do not use on (area to be specified, for example: specific surfaces, drained soils, soils with specific properties such as pH, carbon content, clay content, texture, ...).**

**SRu 3: To avoid run-off, do not apply on steep areas/areas which have an incline of more than x%/impermeable surfaces such as asphalt, concrete, cobblestones, railway tracks.**

SRu 2 and/or SRu 3 shall be assigned to plant protection products for which the risk assessment according to the uniform principles concludes that restrictions on the location of use are needed to protect human health and/or to prevent unacceptable effects on the environment.

## 2. STANDARD PHRASES TO PROTECT OPERATORS AND WORKERS (SPo) AND ATTRIBUTION CRITERIA

**SPo 1: Use (equipment to be specified) when (task/s to be specified).**

The phrase shall be assigned to plant protection products for which the risk assessment according to the uniform principles concludes that specific personal protective equipment <sup>(1)</sup> (for example: gloves, coveralls or goggles) and/or technology (for example: closed transfer systems, closed cabins with an air conditioning and/or air filtration systems) is required to protect human health when performing a specific task (for example: mixing, loading, handling the concentrated product or the treated seeds, applying or spraying the diluted product, cleaning of the application equipment).

**SPo 2: Ensure that during (operation to be specified) the temperature and humidity are within range of (range to be specified).**

The phrase shall be assigned to plant protection products containing active substances which may react violently with water or damp air, or which may cause spontaneous combustion during storage, mixing/loading or application.

**SPo 3: After applying the product, do not inhale the gases and leave the treated area immediately.**

The phrase shall be assigned to all plant protection products of which the mode of action is to generate fumes or gases like fumigants.

<sup>(1)</sup> Reference to certified personal protective equipment can be also included.

**SPO 4: The container must be opened outdoors and/or in controlled conditions following the manufacturer's specifications.**

The phrase shall be assigned to plant protection products containing active substances which may react violently with water or damp air, or which may cause spontaneous combustion.

**SPO 5: Before entering the treated area, ensure proper ventilation of the space until /spray has dried/gas has dissipated/ the concentration of gas is below (concentration to be specified).**

The phrase shall be assigned to plant protection products authorised to be used in confined areas (for example: storage rooms, greenhouses).

**SPO 6: Do not enter in the treated area if concentration of the gas/product is above (concentration to be specified).**

The phrase shall be assigned to all fumigant plant protection products.

### 3. STANDARD PHRASES TO PROTECT BYSTANDERS AND RESIDENTS (SPbr) AND ATTRIBUTION CRITERIA

**SPbr: To protect bystanders and residents,**

- **keep an untreated buffer zone/vegetated field strip(s)/crop free zones of (width to be specified) between the (to be specified, for example: the end of the spray boom, the last row treated, etc.) and the areas where people may be present, or**
- **use drift reduction technology (details to be specified), or**
- **use drift reduction technology (details to be specified) and keep an untreated buffer zone/vegetated field strip(s)/crop free zones of (width to be specified) between the (to be specified, for example: the end of the spray boom, the last row treated, etc.) and the areas where people may be present.**

The phrase shall be assigned to plant protection products for which the risk assessment according to the uniform principles concludes that untreated buffer zones or vegetated field strip(s), drift reduction technology or both are required to protect bystanders and residents from an unacceptable level of exposure.

Further information on the technologies (for example: type of nozzles) and on the type of vegetation of the field strips may be included as specifications of the conditions of use as set out in Annex I.

### 4. STANDARD PHRASES TO PROTECT THE ENVIRONMENT (SPe) AND ATTRIBUTION CRITERIA

**SPe 1: To protect (environmental compartment, group of organisms or species to be specified),**

- **keep an untreated buffer zone/ vegetated field strip(s)/crop free zones of (width to be specified) to (for example: surface water, field strips), or**
- **use drift reduction technology (details to be specified), or**
- **keep an untreated buffer zone/ vegetated field strip(s)/crop free zones of (width to be specified) to (for example: surface water, field strips) and use drift reduction technology (details to be specified).**

The phrase shall be assigned to plant protection products for which the environmental risk assessment according to the uniform principles concludes that untreated buffer zones or vegetated field strip(s), drift reduction technology or both are required to protect certain environmental compartment and/or certain non-target species from an unacceptable level of exposure.

Further information on the technologies (for example: type of nozzles) and on the type of vegetation of the field strips may be included as specifications of the conditions of use as set out in Annex I.

**SPe 2: Do not apply/sow treated seeds if the wind speed is higher than (wind speed to be specified).**

Where relevant, the phrase may be assigned to plant protection products containing volatile active substances or to plant protection products authorised for seed treatment uses.

**SPe 3: To protect birds/wild mammals, the product must be entirely incorporated in the soil, including the end of rows. Remove spillages.**

The phrase shall be assigned to plant protection products that are formulated as granules or pellets to prevent exposure of birds and mammals.

**SPe 4: Ensure that the treated space is preventing release of the product into the environment. Ventilate the treated area thoroughly when gas/smoke has cleared.**

The phrase shall be assigned to all plant protection products authorised to be used in confined areas (for example: storage rooms, greenhouses) which might affect human beings and/or non-target species inside and outside of the treated areas.

#### 4.1. Standard phrases to protect bees and pollinators (SPb)

**SPb 1: To protect bees, do not use when bees are actively foraging. Apply only after the daily bee flight (time to be specified, for example: in the evening, between X and X hour).**

**SPb 2: To protect bees and pollinating insects, do not apply when flowering weeds are present.**

**SPb 3: To protect bees and pollinating insects, do not apply to crop plants when in flower (except as directed on – specify crop as required).**

**SPb 4: To protect bees and pollinating insects, remove or cover bee colonies during application and for (time span to be specified) after treatment.**

**SPb 5: To protect bees and pollinating insects, remove weeds before flowering.**

One, several or all the following phrases SPb 1, SPb 2, SPb 3, SPb 4 and SPb 5 shall be assigned to plant protection products for which the risk assessment according to the uniform principles concludes that risk mitigation measures are required to protect bees or other pollinator insects and their brood.

SPb standard phrases should be displayed on the label together with the RShb phrase and hazard pictogram as set out in Annex III.

#### 5. STANDARD PHRASES TO AVOID RESISTANCE (SPa) AND ATTRIBUTION CRITERIA

**SPa: To prevent the development of resistance, do not apply this or any other product containing (identify active substance) more than (number of applications per time interval to be specified).**

The phrase shall be assigned when such a restriction appears necessary to limit the risk of development of resistance.

Where relevant, information on the resistance code of the active substance(s) contained in the plant protection product as explained under point k) of Annex I could be added to the phrase.

#### 6. STANDARD PHRASES FOR RODENTICIDES (SPr) AND ATTRIBUTION CRITERIA

**SPr 1: Baits must be securely deposited to minimise the risk of consumption by other animals. Secure baits in tamper proof boxes.**

The phrase shall be assigned to plant protection products that are rodenticides baits.

**SPr 2: Dead rodents must be removed from the treatment area each day during the application of the product. Do not dispose them neither in bins nor in landfills.**

The phrase shall be assigned to all plant protection products that are rodenticides and may produce secondary poisoning to scavengers or other animals.

Where relevant, information on the handling of dead rodents according to the national provisions set by Member States could be added to the phrase.

#### 7. STANDARD PHRASES FOR SEED TREATMENT USES AND ATTRIBUTION CRITERIA

##### 7.1. Standard phrases relevant to the treatment of seeds with plant protection products (Sts)

**Sts 1: The seed treatment shall only be performed in professional seed treatment facilities (which are registered in .../which comply with ...).**

Where relevant, the phrase shall be assigned to plant protection products authorised for seed treatment uses.

**Sts 2: The treatment process must ensure that the treated seeds comply with the seed quality standards: (Heubach value X grams of dust/unit seed) (X grams of dust/100 kilogram of seeds according to the Heubach method).**

Where relevant, the phrase shall be assigned to plant protection products authorised for seed treatment uses.

**Sts 3: To protect (environmental compartment, group of organisms or species to be specified), the packaging of treated seeds should not contain (more than X gram of dust per unit seed or per 100 kilogram of seeds (according to the Heubach method)) / (more than X gram of active substance in dust per unit seed or per 100 kilogram of seeds (according to the Heubach method)).**

Where relevant, the phrase shall be assigned to plant protection products authorised for seed treatment uses.

**Sts 4: Dust should be removed from seeds before treatment using appropriate cleaning processes.**

Where relevant, the phrase shall be assigned to plant protection products authorised for seed treatment uses.

## 7.2. Standard phrases relevant to the sowing of treated seeds (Sss)

**Sss 1: To protect (environmental compartment, group of organisms or species to be specified), treated seeds must be sown with equipment ensuring a high level of soil coverage and reducing airborne dust emission. Do not apply treated seeds using broadcast seeding.**

Where relevant, the phrase shall be assigned to plant protection products authorised for seed treatment uses.

Further information on the sowing equipment including the percentage of dust reduction to be achieved may be included as specifications of the conditions of use as set out in Annex I.

**Sss 2: To protect birds/wild animals, treated seeds must be sown in a way to minimize the number of the treated seeds remaining on the soil surface.**

Where relevant, the phrase shall be assigned to plant protection products authorised for seed treatment uses.

Further information on the equipment may be included as specifications of the conditions of use as set out in Annex I.

**Sss 3: To protect (environmental compartment, group of organisms or species to be specified), treated seeds and dust must be effectively incorporated in the soil and at the end of rows. Remove spillages.**

Where relevant, the phrase shall be assigned to all plant protection products authorised for seed treatment.

**Sss 4: To protect (groundwater/aquatic organisms/soil organisms), leaching must be reduced by (drilling/sowing treated seeds at minimum/maximum depth to be specified/ consolidating the soil bed/ limiting the sowing rate/density to xx g seeds/ha or xx seed unit/ha).**

Where relevant, the phrase shall be assigned to plant protection products authorised for seed treatment.

**Sss 5: To protect (groundwater/aquatic organisms/soil organisms), do not sow/drill treated seeds on (soil with specific properties or situation to be specified).**

Where relevant, the phrase shall be assigned to plant protection products authorised for seed treatment for which the risk assessment according to the uniform principles concludes that restrictions on the location of use are needed to prevent unacceptable effects on the groundwater, aquatic organisms and/or soil organisms.

**Sss 6: Do not contaminate water with treated seeds, remnants such as broken grains or dust, or a container.**

The phrase shall be assigned to all plant protection products authorised for seed treatment uses.

**Sss 7: Do not clean sowing equipment near surface water.**

The phrase shall be assigned to all plant protection products authorised for seed treatment uses.

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