

COMMISSION IMPLEMENTING REGULATION (EU) 2023/1584**of 1 August 2023****on measures to prevent the establishment and spread of *Popillia japonica* Newman and on measures for the eradication and containment of that pest within certain demarcated areas of the Union territory**

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) 2016/2031 of the European Parliament and of the Council of 26 October 2016 on protective measures against pests of plants, amending Regulations (EU) No 228/2013, (EU) No 652/2014 and (EU) No 1143/2014 of the European Parliament and of the Council and repealing Council Directives 69/464/EEC, 74/647/EEC, 93/85/EEC, 98/57/EC, 2000/29/EC, 2006/91/EC and 2007/33/EC ⁽¹⁾, and in particular Article 28(1), points (d), (e), (f), (g), (h) and (i), and Article 28(2), thereof,

Whereas:

- (1) Commission Implementing Regulation (EU) 2019/2072 ⁽²⁾ lays down, in Part B of Annex II, the list of Union quarantine pests known to occur in the Union territory.
- (2) *Popillia japonica* Newman ('the specified pest') is included in that list, as it is known to occur in certain parts of the Union territory. It is a polyphagous pest reported to have an impact on many different plant species in the Union territory.
- (3) Plants which are the preferred hosts of the specified pest ('the specified plants') should be listed and subject to certain measures for eradication or containment, as applicable, in the infested zones.
- (4) The specified pest is also listed in the Annex to Commission Delegated Regulation (EU) 2019/1702 ⁽³⁾ as a priority pest.
- (5) In order to ensure its early detection and eradication in the Union territory, Member States should carry out annual surveys, using methods in line with the latest scientific and technical information. Traps represent an important capturing method in regard to the specified pest in the Union territory and should be used extensively. The annual surveys should at least concern those plants that are most commonly found infested by the specified pest ('specified plants').
- (6) In accordance with Regulation (EU) 2016/2031, each Member State is to draw up and keep up to date for each priority pest a contingency plan. Based on the experience from previous outbreaks, it is necessary to adopt specific rules implementing Article 25 of Regulation (EU) 2016/2031 in order to ensure a comprehensive contingency plan in case of any findings of the specified pest in the Union.
- (7) In order to eradicate the specified pest and prevent its spread in the Union territory, Member States should establish demarcated areas consisting of an infested zone and a buffer zone, by applying eradication measures therein. The width of a buffer zone should be at least 5 km beyond the boundaries of the infested zone, bearing in mind the spread capacity of the specified pest.

⁽¹⁾ OJ L 317, 23.11.2016, p. 4.

⁽²⁾ Commission Implementing Regulation (EU) 2019/2072 of 28 November 2019 establishing uniform conditions for the implementation of Regulation (EU) 2016/2031 of the European Parliament and the Council, as regards protective measures against pests of plants, and repealing Commission Regulation (EC) No 690/2008 and amending Commission Implementing Regulation (EU) 2018/2019 (OJ L 319, 10.12.2019, p. 1).

⁽³⁾ Commission Delegated Regulation (EU) 2019/1702 of 1 August 2019 supplementing Regulation (EU) 2016/2031 of the European Parliament and of the Council by establishing the list of priority pests (OJ L 260, 11.10.2019, p. 8).

- (8) However, in cases of isolated findings of the specified pest, the establishment of a demarcated area should not be required when the specified pest is immediately eradicated and there is evidence that those plants were infested before their introduction into the area of the finding or there is evidence that the specified pest has not multiplied and that the finding is not expected to lead to establishment. This is the most appropriate approach, provided that surveys are carried out to confirm the absence of the specified pest.
- (9) In certain areas of the Union territory, the eradication of the specified pest is no longer possible. The Member States concerned should therefore be allowed to apply measures for the containment of that pest within those areas, instead of its eradication. Those measures should ensure a diligent survey approach and more precautionary actions, mainly in defining the size of the infested zone and the respective buffer zone. The buffer zone in demarcated areas for containment should have a width of at least 15 km beyond the boundaries of the infested zone, which is wider than the buffer zone in demarcated areas for eradication, in order to prevent the spread of the specified pest to the rest of the Union territory.
- (10) Member States should notify the Commission and the other Member States of every demarcated area for containment that they intend to designate or modify, so as to give an overview of the spread of the specified pest in the Union territory. This is necessary for the review of this Regulation and for keeping updated a list of demarcated areas for containment.
- (11) In order to ensure the immediate application of eradication measures and to prevent further spread of the specified pest to the rest of the Union territory, the surveys of the buffer zones should be carried out annually at the most appropriate time of the year and with sufficient intensity, taking into account the possibility for the competent authorities to further monitor the plants in the infested zones for containment.
- (12) The provisions of this Regulation concerning the contingency plans should apply from 1 August 2023 in order to allow sufficient time for Member States to prepare the contents of those plans.
- (13) The provisions of this Regulation concerning the conduct of surveys in demarcated areas on the basis of the European Food Safety Authority's General guidelines for statistically sound and risk-based surveys for plant pests ^(*) should apply from 1 January 2025 for surveys in demarcated areas and from 1 January 2026 for surveys of the Union territory outside demarcated areas, in order to allow sufficient time for the competent authorities to plan, prepare the design and allocate sufficient resources for such surveys.
- (14) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on Plants, Animals, Food and Feed,

HAS ADOPTED THIS REGULATION:

Article 1

Subject matter

This Regulation sets out measures to prevent the establishment and spread within the Union territory of *Popillia japonica* Newman, measures for its eradication, where it is found present in that territory, and measures for its containment, when eradication is no longer possible.

Article 2

Definitions

For the purposes of this Regulation, the following definitions apply:

- (1) 'specified pest' means *Popillia japonica* Newman;

^(*) EFSA, General guidelines for statistically sound and risk-based surveys of plant pests, 8 September 2020, doi:10.2903/sp.efsa.2020.EN-1919.

- (2) 'host plants' means all plants for planting with growing media intended to sustain the vitality of the plants, other than plants in tissue culture and aquatic plants;
- (3) 'specified plants' means the plants for planting with growing media intended to sustain the vitality of the plants, other than plants in tissue culture and aquatic plants listed in Annex I;
- (4) 'demarcated area for containment' means an area listed in Annex II, where the specified pest cannot be eradicated;
- (5) 'the pest survey card' means the publication 'Pest survey card on *Popillia japonica*' ⁽⁵⁾ of the European Food Safety Authority ('the Authority');
- (6) 'General guidelines for statistically sound and risk-based surveys' means the publication 'General guidelines for statistically sound and risk-based surveys of plant pests' of the Authority.

Article 3

Surveys of the Union territory outside of demarcated areas

1. The competent authorities shall conduct annual risk-based surveys for the presence of the specified pest outside of the demarcated areas, in the areas of the Union territory where the specified pest is not known to be present, but could become established, taking into account the information referred to in the pest survey card.
2. The survey design and sampling scheme of the survey shall be in line with the General guidelines for statistically sound and risk-based surveys, in order to detect with a sufficient level of confidence, a low level of presence of the specified pest within the Member State concerned.
3. The surveys shall be carried out:
 - (a) on the basis of the level of the phytosanitary risk;
 - (b) in the risk areas of open air fields, orchards/vineyards, nurseries, public sites, areas with grass such as sport grounds and golf courses, surroundings of airports, ports and railway stations, as well as in greenhouses and garden centres, and especially in areas close to the transport network axis connecting with areas where the pest is known to be present;
 - (c) at appropriate times of the year, with regards to the possibility to detect the specified pest, taking into account the biology of the pest and the presence of specified plants.
4. The surveys shall consist of:
 - (a) trapping, using lures to attract the specified pest; and
 - (b) where appropriate, visual examinations of the specified plants.

Article 4

Contingency plans

1. Member States shall, in addition to the elements listed in Article 25(2) of Regulation (EU) 2016/2031, provide in their contingency plans for the following:
 - (a) measures for the eradication of the specified pest, as set out in Article 9;
 - (b) special requirements regarding the introduction of host plants into and their movement within the Union territory, as set out in Annexes VII and VIII to Implementing Regulation (EU) 2019/2072;
 - (c) procedures for identifying the owners of private properties where measures will have to be applied in case of detection of the specified pest.

⁽⁵⁾ EFSA (European Food Safety Authority), 2019. Pest survey card on *Popillia japonica*. EFSA supporting publication 2019:EN-1568. 22pp. doi:10.2903/sp.efsa.2019.EN-1568.

2. Member States shall update their contingency plans, as appropriate, by 31 December of each year.

Article 5

Establishment of demarcated areas

1. Where the presence of the specified pest is officially confirmed, the Member State concerned shall, without delay, establish a demarcated area for the purpose of eradication of the specified pest.
2. Following an official confirmation of the presence of the specified pest and the establishment of the demarcated area referred to in paragraph 1, the competent authorities shall, without delay, determine the level of infestation through adequate visual examinations and the use of traps with lures to attract the specified pest.
3. When, based on the results of the surveys referred to in Article 7 or the results of the investigations referred to in paragraph 2, it is concluded that the level of infestation by the specified pest is such that makes its eradication impossible, the competent authorities shall immediately notify to the Commission the details of the new demarcated area for containment that they intend to designate or modify, in order for such area to be included in the list of demarcated areas for containment in Annex II.
4. The demarcated areas shall consist of the following:
 - (a) an infested zone including the area where the presence of the specified pest has been officially confirmed surrounded by at least a width of:
 - (i) 1 km in the case of a demarcated area for eradication of the specified pest;
 - (ii) 3 km in the case of a demarcated area for containment of the specified pest; and
 - (b) a buffer zone with a width of at least:
 - (i) 5 km beyond the boundary of the infested zone in the case of a demarcated area for eradication of the specified pest;
 - (ii) 15 km beyond the boundary of the infested zone in the case of a demarcated area for containment of the specified pest.
5. The delimitation of the demarcated area shall take into account the scientific principles, the biology of the specified pest, the level of infestation, the particular distribution of the host plants in the area concerned and the evidence of establishment of the specified pest.
6. If the presence of the specified pest is confirmed outside the infested zone, eradication measures shall be taken in accordance with Article 9 and the delimitation of the infested zone and buffer zone shall be reviewed and modified accordingly.

Where the presence of the specified pest has been officially confirmed in the buffer zone of a demarcated area for containment, Articles 17 and 18 of Regulation (EU) 2016/2031 shall apply until the competent authorities evaluate the level of that infestation. In case eradication is not considered possible, paragraph 3 of this Article shall apply.

7. Within the demarcated areas the competent authorities shall raise public awareness concerning the threat of the specified pest and the measures adopted to prevent its further spread outside of those areas.

They shall ensure that the general public and professional operators are aware of the delimitation of the demarcated areas.

*Article 6***Derogations from the obligation to establish demarcated areas**

1. By way of derogation from Article 5(1), the competent authorities may choose not to establish a demarcated area if the following conditions are fulfilled:
 - (a) there is evidence that the specified pest has not multiplied; and
 - (b) there is evidence that:
 - (i) the specified pest has been introduced into the area with the plants on which it was found and those plants were infested before their introduction into the area concerned; or
 - (ii) it is an isolated finding, not expected to lead to establishment.
2. Where the competent authority applies the derogation provided for in paragraph 1, it shall:
 - (a) take measures to ensure the prompt eradication of the specified pest and to exclude the possibility of its spread;
 - (b) immediately intensify the number of traps and the frequency with which the traps are checked in that area;
 - (c) immediately intensify visual examination for the presence of adults of the specified pest and inspect grassland and soil for the presence of larvae of the specified pest at appropriate times;
 - (d) during at least one life cycle of the specified pest plus one additional year, survey a width of at least 1 km around the infested plants or the place where the specified pest was found, regularly and intensively during the flying period of the specified pest;
 - (e) trace back the origin of the infestation and investigate the pathways associated with the finding of the specified pest as far as possible;
 - (f) raise public awareness of the threat of the specified pest; and
 - (g) take any other measure, which may help eradicate the specified pest, in accordance with the eradication measures described in Article 9.

*Article 7***Annual surveys in demarcated areas**

1. In the demarcated areas, the competent authorities shall carry out annual surveys, as referred to in Article 19(1) of Regulation (EU) 2016/2031, to detect the presence of the specified pest, taking into account the information referred to in the pest survey card.
2. The survey design shall be in line with the General guidelines for statistically sound and risk-based surveys and the survey design and sampling scheme used for detection surveys shall guarantee the detection with at least 95 % of confidence, a level of presence of the specified pest of 1 %.
3. The annual surveys shall be carried out:
 - (a) in the infested zones, in the case of demarcated areas for eradication;
 - (b) in the buffer zones in the demarcated areas for eradication and in the buffer zones in the demarcated areas for containment;
 - (c) in open air fields, orchards/vineyards, forests, nurseries, private gardens, public sites, areas with grass such as sport grounds and golf courses, surroundings of airports, ports and railway stations, as well as in greenhouses and garden centres, in particular in the areas close to the transport network axis connecting with areas where the specified pest is not known to be present; and
 - (d) at appropriate times of the year, with regard to the possibility to detect the specified pest, taking into account the biology of the specified pest and the presence of specified plants.

4. The annual surveys shall consist of:

- (a) trapping, using lures to attract the specified pest in the case of surveys carried out in the infested zones in the demarcated areas for eradication;
- (b) visual examinations of the specified plants;
- (c) soil sampling and testing, to detect the larvae of the specified pest.

Article 8

Lifting of demarcation

The demarcation may be lifted when, based on the surveys referred to in Article 7, the specified pest has not been detected in the demarcated area for at least three consecutive years.

Article 9

Eradication measures

1. In the infested zones, the competent authorities shall ensure that to eradicate the specified pest the following measures are taken:

- (a) against the adults of the specified pest, at least a combination of two of these:
 - (i) mass trapping system with lures, ensuring the destruction of the specified pest by appropriate methods;
 - (ii) attract-and-kill strategy;
 - (iii) manual capture of the specified pest, ensuring the destruction of the specified pest by appropriate methods;
 - (iv) chemical treatments of the plants;
 - (v) biological control (such as entomopathogenic fungi or any other effective biological control);
 - (vi) any other measure which has been scientifically proven to be effective;
- (b) against the larvae of the specified pest, at least a combination of two of these:
 - (i) appropriate treatments of the soil where larvae of the specified pest are present;
 - (ii) biological control (such as entomopathogenic fungi or entomopathogenic nematodes or any other effective biological control);
 - (iii) prohibition of irrigation of grassland during the emergence of the adults of the specified pest from the soil and during their flying period;
 - (iv) use of mechanical milling to destroy larvae in the soil at appropriate times of the year;
 - (v) local destruction of heavily infested grassland;
- (c) during the flying period of the specified pest:
 - (i) specific measures in airports, harbours and railway stations to ensure that the specified pest is kept out of aircrafts, ships and trains, based on specific risk management procedures, which have been communicated to the Commission and the other Member States in writing; and
 - (ii) prohibition of the movement of untreated plant debris outside of the infested zone, unless it is transported within enclosed vehicles, and it is stored and composted in an indoor facility outside the infested area;
- (d) prohibition of the movement of the upper layer of the soil and used growing media outside of the infested zone, unless:
 - (i) it has been subject to appropriate measures to eliminate the specified pest or prevent infestation of the specified plants; or
 - (ii) it will be deep buried in landfill under the supervision of the competent authorities, while being transported within enclosed vehicles, which to ensure that the specified pest cannot spread.

2. In the buffer zones, the competent authorities shall ensure that the upper layer of the soil, used growing media and untreated plant debris are moved outside the buffer zone, only in so far as the specified pest has not been found to be present therein.

Article 10

Containment measures

1. In the infested zones, the competent authorities shall ensure that the following measures are taken, in order to contain the specified pest:

- (a) measures to control the presence of the specified pest and to avoid further spread, through an integrated approach, including one or more of the following:
 - (i) mass trapping system with lures, or manual capture, ensuring the destruction of the captures by appropriate methods, or attract-and-kill strategy;
 - (ii) biological control such as by entomopathogenic fungi or by entomopathogenic nematodes;
 - (iii) chemical treatment of the plants and/or appropriate treatment of the soil;
 - (iv) use of mechanical milling to destroy larvae in the soil at appropriate times of the year;
 - v) mechanical destruction of vegetation in sites at risk;
- (b) during the flying period of the specified pest:
 - (i) specific measures in airports, harbours and railway stations to ensure the specified pest is kept out of aircrafts, ships and trains, based on specific risk management procedures, which have been communicated to the Commission and the other Member States in writing; and
 - (ii) prohibition of the movement of untreated plant debris outside of the infested zone, unless it is transported within enclosed vehicles, and it is stored and composted in an indoor facility outside the infested area;
- (c) prohibition of the movement of the upper layer of the soil and used growing medium outside of the infested zone, unless:
 - (i) it has been subject to appropriate measures to eliminate the specified pest or prevent infestation of the specified plants; or
 - (ii) it will be deep buried in landfill under the supervision of the competent authorities, being transported within enclosed vehicles which ensures the specified pest cannot spread.

2. In the buffer zones, the competent authorities shall ensure that the upper layer of the soil, used growing media and untreated plant debris are moved outside the buffer zone, only in so far as the specified pest has not been found to be present.

Article 11

Reporting

By 30 April of each year, Member States shall submit to the Commission and to the other Member States:

- (a) a report on the measures taken during the preceding calendar year pursuant to this Regulation and on the results of the measures provided for in Articles 5 to 10;

- (b) the results of the surveys carried out pursuant to Article 3, outside of the demarcated areas, during the preceding calendar year, using the templates referred to in Annex I to Commission Implementing Regulation (EU) 2020/1231 ⁽⁶⁾;
- (c) the results of the surveys carried out pursuant to Article 7, in the demarcated areas, during the preceding calendar year, using one of the templates referred to in Annex III.

Article 12

Entry into force and date of application

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

Article 3(2) shall apply from 1 January 2026.

Article 4 shall apply from 1 August 2023.

Article 7(2) shall apply from 1 January 2025.

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

Done at Brussels, 1 August 2023.

For the Commission
The President
Ursula VON DER LEYEN

⁽⁶⁾ Commission Implementing Regulation (EU) 2020/1231 of 27 August 2020 on the format and instructions for the annual reports on the results of the surveys and on the format of the multiannual survey programmes and the practical arrangements, respectively provided for in Articles 22 and 23 of Regulation (EU) 2016/2031 of the European Parliament and the Council (OJ L 280, 28.8.2020, p. 1).

ANNEX I

LIST OF SPECIFIED PLANTS

<i>Acer</i> L.	<i>Melia</i> L.
<i>Actinidia</i> Lindley	<i>Morus</i> L.
<i>Aesculus</i> L.	<i>Oenothera</i> L.
<i>Alcea</i> L.	<i>Parthenocissus</i> Planch.
<i>Alnus</i> Mill.	<i>Persicaria</i> (L.) Mill.
<i>Althaea</i> L.	<i>Phaseolus</i> L.
<i>Ampelopsis</i> A.Rich. ex Michx.	<i>Platanus</i> L.
<i>Aronia</i> Medikus	<i>Poaceae</i> Barnhart
<i>Artemisia</i> L.	<i>Populus</i> L.
<i>Asparagus</i> Tourn. ex L.	<i>Prunus</i> L.
<i>Berchemia</i> Neck. ex DC.	<i>Pteridium</i> Gled. ex Scop.
<i>Betula</i> L.	<i>Pyrus</i> L.
<i>Carpinus</i> L.	<i>Quercus</i> L.
<i>Castanea</i> Mill.	<i>Reynoutria</i> Hoult.
<i>Clethra</i> L.	<i>Rheum</i> L.
<i>Convolvulus</i> L.	<i>Ribes</i> L.
<i>Corylus</i> L.	<i>Robinia</i> L.
<i>Crataegus</i> L.	<i>Rosa</i> L.
<i>Cyperaceae</i> Juss.	<i>Rubus</i> L.
<i>Dioscorea</i> L.	<i>Rumex</i> L.
<i>Fallopia</i> Lour.	<i>Salix</i> L.
<i>Filipendula</i> Mill.	<i>Sassafras</i> L. ex Nees
<i>Fragaria</i> L.	<i>Smilax</i> L.
<i>Glycine</i> Willd.	<i>Solanum</i> L.
<i>Hibiscus</i> L.	<i>Sorbus</i> L.
<i>Humulus</i> L.	<i>Tilia</i> L.
<i>Hypericum</i> Tourn. ex L.	<i>Toxicodendron</i> Mill.
<i>Juglans</i> L.	<i>Trifolium</i> Tourn. ex L.
<i>Kerria</i> D.C.	<i>Ulmus</i> L.
<i>Lagerstroemia</i> L.	<i>Urtica</i> L.
<i>Lythrum</i> L.	<i>Vaccinium</i> L.
<i>Malus</i> Mill.	<i>Vitis</i> L.
<i>Malva</i> Tourn. ex L.	<i>Wisteria</i> Nutt.
<i>Medicago</i> L.	<i>Zelkova</i> Spach

ANNEX II

LIST OF DEMARCATED AREAS FOR CONTAINMENT AS REFERRED TO IN ARTICLE 2, POINT (4)

1. Italy

Number/name of demarcated area (DA)	Zone of DA	Region	Municipalities or other administrative/geographic delimitations
1.	Infested zone	Lombardia	The entire territory of the following municipalities: Provincia di Bergamo Ambivere, Arzago d'Adda, Bottanuco, Brembate, Brembate di Sopra, Brignano Gera d'Adda, Calusco d'Adda, Calvenzano, Canonica d'Adda, Capriate San Gervasio, Caprino Bergamasco, Caravaggio, Carvico, Casirate d'Adda, Castel Rozzone, Chignolo d'Isola, Cisano Bergamasco, Curno, Fara Gera d'Adda, Filago, Madone, Mapello, Medolago, Misano di Gera d'Adda, Mozzo, Ponte San Pietro, Pontida, Pontirolo Nuovo, Solza, Sotto il Monte Giovanni XXIII, Suisio, Terno d'Isola, Torre de' Busi, Treviglio, Valbrembo, Villa d'Adda. Provincia di Como Albavilla, Albese con Cassano, Albiolo, Alserio, Alta Valle Intelvi, Alzate Brianza, Anzano del Parco, Appiano Gentile, Arosio, Asso, Beregazzo con Figliaro, Binago, Bizzarone, Blevio, Bregnano, Brenna, Brunate, Bulgarograsso, Cabiato, Cadorago, Campione d'Italia, Cantù, Canzo, Capiago Intimiano, Carate Uriò, Carbonate, Carimate, Carugo, Caslino d'Erba, Casnate con Bernate, Cassina Rizzardi, Castelmarte, Castelnuovo Bozzente, Cermenate, Cernobbio, Cirimido, Colverde, Como, Cucciago, Erba, Eupilio, Faggeto Lario, Faloppio, Fenegrò, Figino Serenza, Fino Mornasco, Grandate, Guanzate, Inverigo, Laglio, Lambrugo, Lezzeno, Limido Comasco, Lipomo, Locate Varesino, Lomazzo, Longone al Segrino, Luisago, Lurago d'Erba, Lurago Marinone, Lurate Caccivio, Mariano Comense, Maslianico, Merone, Moltrasio, Monguzzo, Montano Lucino, Montorfano, Mozzate, Nesso, Novedrate, Olgiate Comasco, Oltrona di San Mamette, Orsenigo, Pognana Lario, Ponte Lambro, Proserpio, Pusiano, Rezzago, Roderò, Ronago, Rovellasca, Rovello Porro, San Fermo della Battaglia, Senna Comasco, Solbiate con Cagno, Tavernerio, Torno, Turate, Uggiate-Trevano, Valbrona, Valmorea, Veleso, Veniano, Vertemate con Minoprio, Villa Guardia. Provincia di Cremona Agnadello, Bagnolo Cremasco, Capralba, Casaletto Ceredano, Chieve, Dovera, Monte Cremasco, Palazzo Pignano, Pandino, Pieranica, Quintano, Rivolta d'Adda, Sergnano, Spino d'Adda, Torlino Vimercati, Trescore Cremasco, Vaiano Cremasco, Vailate. Provincia di Lecco Annone di Brianza, Barzago, Barzanò, Bosisio Parini, Brivio, Bulciago, Calco, Casatenovo, Cassago Brianza, Castello di Brianza, Cernusco Lombardone, Cesana Brianza, Civate, Colle Brianza, Costa Masnaga, Cremella, Dolzago, Ello, Garbagnate Monastero, Imbersago, La Valletta Brianza, Lomagna, Merate, Missaglia, Molteno, Monte Marenzo, Montevicchia, Monticello Brianza, Nibionno, Oggiono, Olgiate Molgora, Osnago, Paderno d'Adda, Robbiate, Rogeno, Santa Maria Hoè, Sirone, Sirtori, Suello, Valmadrera, Verderio, Viganò.

			Provincia di Lodi Abbadia Cerreto, Boffalora d'Adda, Borghetto Lodigiano, Borgo San Giovanni, Brembio, Casaleto Lodigiano, Casalmaiocco, Caselle Lurani, Castiraga Vidardo, Cavenago d'Adda, Cervignano d'Adda, Comazzo, Cornegliano Laudense, Corte Palasio, Crespiatica, Galgagnano, Graffignana, Livraga, Lodi, Lodi Vecchio, Mairago, Marudo, Massalengo, Merlino, Montanaso Lombardo, Mulazzano, Ossago Lodigiano, Pieve Fissiraga, Salerano sul Lambro, San Martino in Strada, Sant'Angelo Lodigiano, Secugnago, Sordio, Tavazzano con Villavesco, Turano Lodigiano, Valera Fratta, Villanova del Sillaro, Zelo Buon Persico. Città metropolitana di Milano Abbiategrosso, Albairate, Arconate, Arese, Arluno, Assago, Baranzate, Bareggio, Basiano, Basiglio, Bellinzago Lombardo, Bernate Ticino, Besate, Binasco, Boffalora sopra Ticino, Bollate, Bresso, Bubbiano, Buccinasco, Buscate, Bussero, Busto Garolfo, Calvignasco, Cambiago, Canegrate, Carpiano, Carugate, Casarile, Casorezzo, Cassano d'Adda, Cassina de' Pecchi, Cassinetta di Lugagnano, Castano Primo, Cernusco sul Naviglio, Cerro al Lambro, Cerro Maggiore, Cesano Boscone, Cesate, Cinisello Balsamo, Cisliano, Cologno Monzese, Colturano, Corbetta, Cormano, Cornaredo, Corsico, Cuggiono, Cusago, Cusano Milanino, Dairago, Dresano, Gaggiano, Garbagnate Milanese, Gessate, Gorgonzola, Grezzago, Gudo Visconti, Inveruno, Inzago, Lacchiarella, Lainate, Legnano, Liscate, Locate di Triulzi, Magenta, Magnago, Marcallo con Casone, Masate, Mediglia, Melegnano, Melzo, Mesero, Milano, Morimondo, Motta Visconti, Nerviano, Nosate, Novate Milanese, Noviglio, Opera, Ossona, Ozzero, Paderno Dugnano, Pantigliate, Parabiago, Paullo, Pero, Peschiera Borromeo, Pessano con Bornago, Pieve Emanuele, Pioltello, Pogliano Milanese, Pozzo d'Adda, Pozzuolo Martesana, Pregnana Milanese, Rescaldina, Rho, Robecchetto con Induno, Robecco sul Naviglio, Rodano, Rosate, Rozzano, San Colombano al Lambro, San Donato Milanese, San Giorgio su Legnano, San Giuliano Milanese, San Vittore Olona, San Zenone al Lambro, Santo Stefano Ticino, Sedriano, Segrate, Senago, Sesto San Giovanni, Settala, Settimo Milanese, Solaro, Trezzano Rosa, Trezzano sul Naviglio, Trezzo sull'Adda, Tribiano, Truccazzano, Turbigo, Vanzaghella, Vanzago, Vaprio d'Adda, Vermezzo con Zelo, Vernate, Vignate, Villa Cortese, Vimodrone, Vittuone, Vizzolo Predabissi, Zibido San Giacomo. Provincia di Monza e della Brianza Agrate Brianza, Aicurzio, Albiate, Arcore, Barlassina, Bellusco, Bernareggio, Besana in Brianza, Biassono, Bovisio-Masciago, Briosco, Brugherio, Burago di Molgora, Busnago, Camparada, Caponago, Carate Brianza, Carnate, Cavenago di Brianza, Ceriano Laghetto, Cesano Maderno, Cogliate, Concorezzo, Cornate d'Adda, Correzzana, Desio, Giussano, Lazzate, Lentate sul Seveso, Lesmo, Limbiate, Lissone, Macherio, Meda, Mezzago, Misinto, Monza, Muggiò, Nova Milanese, Ornago, Renate, Roncello, Ronco Briantino, Seregno, Seveso, Sovico, Sulbiate, Triuggio, Usmate Velate, Varedo, Vedano al Lambro, Veduggio con Colzano, Verano Brianza, Villasanta, Vimercate. Provincia di Pavia Alagna, Albaredo Arnaboldi, Albonese, Albuzzano, Arena Po, Badia Pavese, Bagnaria, Barbianello, Bascapè, Bastida Pancarana, Battuda, Belgioioso, Bereguardo, Borgarello, Borgo Priolo, Borgo San Siro, Borgoratto Mormorolo, Bornasco, Bosnasco, Breme, Bressana Bottarone, Broni, Calvignano, Campospinoso, Candia Lomellina, Canneto Pavese, Carbonara al Ticino, Casanova Lonati, Casatisma, Casei Gerola, Casorate Primo, Cassolnovo, Castana, Casteggio, Castelletto di Branduzzo, Castello d'Agogna, Castelnovetto, Cava Manara, Cecima, Ceranova, Ceretto Lomellina, Cernago, Certosa di Pavia, Cervesina, Chignolo Po, Cigognola,
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		Cilavegna, Codevilla, Colli Verdi, Confienza, Copiano, Corana, Cornale e Bastida, Corteolona e Genzone, Corvino San Quirico, Costa de' Nobili, Cozzo, Cura Carpignano, Dorno, Ferrera Erbognone, Filighera, Fortunago, Frascarolo, Galliavola, Gambarana, Gambolò, Garlasco, Gerenzago, Giussago, Godiasco Salice Terme, Golferenzo, Gravellona Lomellina, Gropello Cairoli, Inverno e Monteleone, Landriano, Langosco, Lardirago, Linarolo, Lirio, Lomello, Lungavilla, Maghero, Marcignago, Marzano, Mede, Mezzana Bigli, Mezzana Rabattone, Mezzanino, Miradolo Terme, Montalto Pavese, Montebello della Battaglia, Montecalvo Versiggia, Montescano, Montesegale, Montù Beccaria, Mornico Losana, Mortara, Nicorvo, Olevano di Lomellina, Oliva Gessi, Ottobiano, Palestro, Pancarana, Parona, Pavia, Pietra de' Giorgi, Pieve Albignola, Pieve del Cairo, Pieve Porto Morone, Pinarolo Po, Pizzale, Ponte Nizza, Portalbera, Rea, Redavalle, Retorbido, Rivanazzano Terme, Robbio, Robecco Pavese, Rocca de' Giorgi, Rocca Susella, Rognano, Roncaro, Rosasco, Rovescala, San Cipriano Po, San Damiano al Colle, San Genesio ed Uniti, San Giorgio di Lomellina, San Martino Siccomario, San Zenone al Po, Sannazzaro de' Burgondi, Sant'Alessio con Vialone, Sant'Angelo Lomellina, Santa Cristina e Bissone, Santa Giuletta, Santa Maria della Versa, Sartirana Lomellina, Scaldasole, Semiana, Silvano Pietra, Siziano, Sommo, Spessa, Stradella, Suardi, Torrazza Coste, Torre Beretti e Castellaro, Torre d'Arese, Torre d'Isola, Torre de' Negri, Torrevecchia Pia, Torricella Verzate, Travacò Siccomario, Trivolzio, Tromello, Trovo, Val di Nizza, Valeggio, Valle Lomellina, Valle Salimbene, Varzi, Vellezzo Lomellina, Vellezzo Bellini, Verretto, Verrua Po, Vidigulfo, Vigeveno, Villa Biscossi, Villanova d'Ardenghi, Villanterio, Vistarino, Voghera, Volpara, Zavattarello, Zeccone, Zeme, Zenevredo, Zerbo, Zerbolò, Zinasco. Provincia di Varese Agra, Albizzate, Angera, Arcisate, Arsago Seprio, Azzate, Azzio, Barasso, Bardello, Bedero Valcuvia, Besano, Besnate, Besozzo, Biandronno, Bisuschio, Bodio Lomnago, Brebbia, Bregano, Brenta, Brezzo di Bedero, Brinzio, Brissago-Valtravaglia, Brunello, Brusimpiano, Buguggiate, Busto Arsizio, Cadegiano-Viconago, Cadrezzate con Osmate, Cairate, Cantello, Caravate, Cardano al Campo, Carnago, Caronno Pertusella, Caronno Varesino, Casale Litta, Casalzuigno, Casciago, Casorate Sempione, Cassano Magnago, Cassano Valcuvia, Castellanza, Castello Cabiaglio, Castelseprio, Castelveciana, Castiglione Olona, Castronno, Cavarina con Premezzo, Cazzago Brabbia, Cislago, Cittiglio, Clivio, Cocquio-Trevisago, Comabbio, Comerio, Cremenaga, Crosio della Valle, Cuasso al Monte, Cugliate-Fabiasco, Cunardo, Curiglia con Monteviasco, Cuveglio, Cuvio, Daverio, Dumenza, Duno, Fagnano Olona, Ferno, Ferrera di Varese, Gallarate, Galliate Lombardo, Gaviate, Gazzada Schianno, Gemonio, Gerenzano, Germignaga, Golasacca, Gorla Maggiore, Gorla Minore, Gornate Olona, Grantola, Inarzo, Induno Olona, Ispra, Jerago con Orago, Lavena Ponte Tresa, Laveno-Mombello, Leggiuno, Lonate Ceppino, Lonate Pozzolo, Lozza, Luino, Luvinate, Maccagno con Pino e Veddasca, Malgesso, Malnate, Marchirolo, Marnate, Marzio, Masciago Primo, Mercallo, Mesenzana, Montegrino Valtravaglia, Monvalle, Morazzone, Mornago, Oggiona con Santo Stefano, Olgiate Olona, Origgio, Orino, Porto Ceresio, Porto Valtravaglia, Rancio Valcuvia, Ranco, Saltrio, Samarate, Sangiano, Saronno, Sesto Calende, Solbiate Arno, Solbiate Olona, Somma Lombardo, Sumirago, Taino, Ternate, Tradate, Travedona-Monate, Tronzano Lago Maggiore, Uboldo, Valganna, Varano Borghi, Varese, Veduggio Olona, Venegono Inferiore, Venegono Superiore, Vergiate, Viggiù, Vizzola Ticino.
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	Piemonte	The entire territory of the following municipalities: Provincia di Alessandria Alessandria, Alfiano Natta, Alluvioni Pivera, Altavilla Monferrato, Alzano Scrivia, Avolasca, Balzola, Bassignana, Bergamasco, Berzano di Tortona, Borgo San Martino, Borgoratto Alessandrino, Bosco Marengo, Bozzole, Brignano-Frascata, Camagna Monferrato, Camino, Carbonara Scrivia, Carentino, Casal Cermelli, Casale Monferrato, Casalnoceto, Casasco, Castellar Guidobono, Castellazzo Bormida, Castelletto Merli, Castelletto Monferrato, Castelnuovo Scrivia, Cella Monte, Cereseto, Cerreto Grue Cerrina Monferrato, Coniolo, Conzano, Felizzano, Frassinello Monferrato, Frassineto Po, Frugarolo, Fubine Monferrato, Gabiano, Giarole, Gremiasco, Guazzora, Isola Sant'Antonio, Lu e Cuccaro Monferrato, Masio, Mirabello Monferrato, Molino dei Torti, Mombello Monferrato, Momperone, Moncestino, Monleale, Montecastello, Montegioco, Montemarzino, Morano sul Po, Murisengo, Occimiano, Odalengo Grande, Odalengo Piccolo, Olivola, Ottiglio, Oviglio, Ozzano Monferrato, Pecetto di Valenza, Pietra Marazzi, Pomaro Monferrato, Pontecurone, Pontestura, Ponzano Monferrato, Pozzol Groppo, Pozzolo Formigaro, Quargnento, Quattordio, Rivarone, Rosignano Monferrato, Sala Monferrato, Sale, San Giorgio Monferrato, San Salvatore Monferrato, Sarezzano, Serralunga di Crea, Solero, Solonghello, Spineto Scrivia, Terruggia, Ticineto, Tortona, Treville, Valenza, Valmacca, Vignale Monferrato, Viguzzolo, Villadeati, Villamiroglio, Villanova Monferrato, Villaromagnano, Volpedo, Volpeglino. Provincia di Asti Asti, Calliano, Casorzo, Castagnole Monferrato, Castell'Alfero, Castello di Annone, Chiusano d'Asti, Corsione, Cossombrato, Frinco, Grana, Grazzano Badoglio, Moncalvo, Montemagno, Penango, Portacomaro, Refrancore, Robella, Scurzolengo, Tonco, Viarigi, Villa San Secondo. Provincia di Biella Ailoche, Andorno Micca, Benna, Biella, Bioglio, Borriana, Brusnengo, Callabiana, Camandona, Camburzano, Campiglia Cervo, Candelo, Caprile, Casapinta, Castelletto Cervo, Cavaglià, Cerrione, Coggiola, Cossato, Crevacuore, Curino, Donato, Dorzano, Gaglianico, Giffenga, Graglia, Lessona, Magnano, Massazza, Masserano, Mezzana Mortigliengo, Miagliano, Mongrando, Mottalciata, Muzzano, Netro, Occhieppo Inferiore, Occhieppo Superiore, Pettinengo, Piatto, Piedicavallo, Pollone, Ponderano, Portula, Pralungo, Pray, Quaregna Cerreto, Ronco Biellese, Roppolo, Rosazza, Sagliano Micca, Sala Biellese, Salussola, Sandigliano, Sordevolo, Sostegno, Strona, Tavigliano, Ternengo, Tollegno, Torrazzo, Valdengo, Valdilana, Vallanzengo, Valle San Nicolao, Veglio, Verrone, Vigliano Biellese, Villa del Bosco, Villanova Biellese, Viverone, Zimone, Zubiena, Zumaglia. Provincia di Novara Agrate Conturbia, Ameno, Armeno, Arona, Barengo, Bellinzago Novarese, Biandrate, Boca, Bogogno, Bolzano Novarese, Borgo Ticino, Borgolavezzaro, Borgomanero, Briga Novarese, Briona, Caltignaga, Cameri, Carpignano Sesia, Casalbeltrame, Casaleggio Novara, Casalino, Casalvolone, Castellazzo Novarese, Castelletto sopra Ticino, Cavaglietto, Cavaglio d'Agogna, Cavallirio, Cerano, Colazza, Comignago, Cressa, Cureggio, Divignano, Dormelletto, Fara Novarese, Fontaneto d'Agogna, Galliate, Garbagna Novarese, Gargallo, Gattico-Veruno, Ghemme, Gozzano, Granozzo con Monticello, Grignasco, Invorio, Landiona, Lesa, Maggiora, Mandello Vitta, Marano Ticino, Massino Visconti, Meina, Mezzomerico, Miasino, Momo, Nebbiuno, Nibbiola, Novara, Oleggio, Oleggio Castello, Orta San Giulio, Paruzzaro, Pella, Pettenasco, Pisano, Pognò, Pombia, Prato Sesia, Recetto, Romagnano Sesia, Romentino, San Maurizio d'Opaglio, San Nazzaro Sesia, San Pietro Mosezzo, Sillavengo, Sizzano, Soriso, Sozzago,
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		Suno, Terdobbiato, Tornaco, Trecate, Vaprio d'Agogna, Varallo Pombia, Vespolate, Vicolungo, Vinzaglio. Città metropolitana di Torino Albiano d'Ivrea, Andrate, Azeglio, Banchette, Barone Canavese, Bollengo, Borgofranco d'Ivrea, Borgomasino, Brandizzo, Brozolo, Brusasco, Burolo, Caluso, Candia Canavese, Caravino, Carema, Cascinette d'Ivrea, Castiglione Torinese, Cavagnolo, Chiaverano, Chivasso, Colletterto Giacosa, Cossano Canavese, Fiorano Canavese, Foglizzo, Gassino Torinese, Ivrea, Leini, Lessolo, Loranze, Maglione, Mappano, Mazzé, Mercenasco, Montalto Dora, Montanaro, Monteu da Po, Nomaglio, Orio Canavese, Palazzo Canavese, Parella, Pavone Canavese, Piverone, Quassolo, Quincinetto, Romano Canavese, Rondissone, Salerano Canavese, Samone, San Benigno Canavese, San Mauro Torinese, San Raffaele Cimena, Scarmagno, Sciolze, Settimo Rottaro, Settimo Torinese, Settimo Vittone, Strambino, Tavagnasco, Torrazza Piemonte, Verolengo, Verrua Savoia, Vestignè, Villareggia, Vische, Volpiano. Provincia del Verbano-Cusio-Ossola Anzola d'Ossola, Arizzano, Arola, Baveno, Bee, Belgirate, Beura-Cardezza, Brovello-Carpugnino, Cambiasca, Cannero Riviera, Casale Corte Cerro, Cesara, Cossogno, Crevaladossola, Crodo, Domodossola, Germagno, Ghiffa, Gignese, Gravellona Toce, Loreglia, Madonna del Sasso, Massiola, Mergozzo, Miazina, Nonio, Oggebbio, Omegna, Ornavasso, Pieve Vergonte, Premeno, Premosello-Chiovenda, Quarna Sopra, Quarna Sotto, San Bernardino Verbano, Stresa, Trontano, Valstrona, Verbania, Vignone, Vogogna. Provincia di Vercelli Albano Vercellese, Alice Castello, Arborio, Asigliano Vercellese, Balmuccia, Balocco, Bianzè, Borgo d'Ale, Borgo Vercelli, Borgosesia, Buronzo, Caresana, Caresanablot, Carisio, Casanova Elvo, Cellio con Breia, Cervatto, Cigliano, Civiasco, Collobiano, Costanzana, Cravagliana, Crescentino, Crova, Desana, Fobello, Fontanetto Po, Formigliana, Gattinara, Ghislarengo, Greggio, Guardabosone, Lamporo, Lenta, Lignana, Livorno Ferraris, Lozzolo, Moncrivello, Motta de' Conti, Olcenengo, Oldenico, Palazzolo Vercellese, Pertengo, Pezzana, Pila, Piode, Postua, Prarolo, Quarona, Quinto Vercellese, Rassa, Rimella, Rive, Roasio, Ronsecco, Rossa, Rovasenda, Salasco, Sali Vercellese, Saluggia, San Germano Vercellese, San Giacomo Vercellese, Santhià, Scopa, Scopello, Serravalle Sesia, Stroppiana, Tricerro, Trino, Tronzano Vercellese, Valduggia, Varallo, Vercelli, Villarboit, Villata, Vocca.
	Emilia-Romagna	The entire territory of the following municipalities: Provincia di Piacenza Alta Val Tidone, Borgonovo Val Tidone, Castel San Giovanni, Ziano Piacentino.
	Valle d'Aosta	The entire territory of the following municipalities: Provincia di Aosta Arnad, Brissogne, Donnas, Montjovet, Pollein, Quart, Saint-Christophe, Verrès.

	Buffer zone	Lombardia	The entire territory of the following municipalities: Provincia di Bergamo Albano Sant'Alessandro, Albino, Algua, Almè, Almenno San Bartolomeo, Almenno San Salvatore, Alzano Lombardo, Antegnate, Arcene, Aviatice, Azzano San Paolo, Bagnatica, Barbata, Bariano, Barzana, Bedulita, Berbenno, Bergamo, Bello, Bolgare, Boltiere, Bonate Sopra, Bonate Sotto, Bracca, Brumano, Brusaporto, Calcinate, Calcio, Capizzone, Carobbio degli Angeli, Cavernago, Cenate Sopra, Cenate Sotto, Chiuduno, Ciserano, Civate, al Piano, Cologno al Serio, Comun Nuovo, Corna Imagna, Cortenuova, Costa di Mezzate, Costa Serina, Costa Valle Imagna, Covo, Dalmine, Fara Olivana con Sola, Fontanella, Fornovo San Giovanni, Fuipiano Valle Imagna, Ghisalba, Gorlago, Gorle, Grassobbio, Isso, Lallio, Levate, Locatello, Lurano, Martinengo, Montello, Morengo, Mornico al Serio, Mozzanica, Nembro, Orio al Serio, Osio Sopra, Osio Sotto, Pagazzano, Paladina, Palazzago, Palosco, Pedrengo, Pognano, Ponteranica, Pradalunga, Presezzo, Pumenengo, Ranica, Romano di Lombardia, Roncola, Rota d'Imagna, San Giovanni Bianco, San Paolo d'Argon, San Pellegrino Terme, Sant'Omobono Terme, Scanzorosciate, Sedrina, Selvino, Seriate, Sorisole, Spirano, Stezzano, Strozza, Taleggio, Telgate, Torre Boldone, Torre de' Roveri, Torre Pallavicina, Treviolo, Ubiale Clanezzo, Ugnano, Val Brembilla, Veduggio, Verdellino, Verdello, Villa d'Almè, Villa di Serio, Zanica, Zogno. Provincia di Brescia Palazzolo sull'Oglio, Pontoglio, Roccafranca, Rudiano, Urago d'Oglio. Provincia di Como Argegno, Barni, Bellagio, Bene Lario, Blessagno, Brieno, Caglio, Carlazzo, Cavargna, Centro Valle Intelvi, Cerano d'Intelvi, Claino con Osteno, Colonno, Corrido, Crema, Cusino, Dizzasco, Garzeno, Grandola ed Uniti, Griante, Laino, Lasnigo, Magreglio, Menaggio, Pianello del Lario, Pigra, Plesio, Ponna, Porlezza, Sala Comacina, San Bartolomeo Val Cavargna, San Nazzaro Val Cavargna, San Siro, Schignano, Sormano, Tremezzina, Val Rezzo, Valsolda, Zelbio. Provincia di Cremona Camisano, Campagnola Cremasca, Capergnanica, Cappella Cantone, Casale Cremasco-Vidolasco, Casaletto di Sopra, Casaletto Vaprio, Castel Gabbiano, Castelleone, Credera Rubbiano, Crema, Cremosano, Cumignano sul Naviglio, Fiesco, Formigara, Genivolta, Gombito, Grumello Cremonese ed Uniti, Izano, Madignano, Montodine, Moscazzano, Offanengo, Pianengo, Pizzighettone, Ricengo, Ripalta Arpina, Ripalta Cremasca, Ripalta Guerina, Romanengo, Salvirola, San Bassano, Soncino, Soresina, Ticengo, Triglio. Provincia di Lecco Abbadia Lariana, Airuno, Ballabio, Barzio, Bellano, Calolziocorte, Carenno, Casargo, Cassina Valsassina, Cortenova, Crandola Valsassina, Cremona, Dervio, Erve, Esino Lario, Galbiate, Garlate, Introbio, Lecco, Lierna, Malgrate, Mandello del Lario, Margno, Moggio, Morterone, Olginate, Oliveto Lario, Parlasco, Pasturo, Perledo, Pescate, Primaluna, Taceno, Valgrehentino, Varenna, Vercurago. Provincia di Lodi Bertonico, Casalpusterlengo, Castelgerundo, Castiglione d'Adda, Codogno, Corno Giovine, Cornovecchio, Fombio, Guardamiglio, Maleo, Orio Litta, Ospedaletto Lodigiano, San Fiorano, San Rocco al Porto, Santo Stefano Lodigiano, Senna Lodigiana, Somaglia, Terranova dei Passerini.
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		Provincia di Pavia Brallo di Pregola, Menconico, Monticelli Pavese, Romagnese, Santa Margherita di Staffora.
	Piemonte	The entire territory of the following municipalities: Provincia di Alessandria Acqui Terme, Albera Ligure, Alice Bel Colle, Arquata Scrivia, Basaluzzo, Bistagno, Borghetto di Borbera, Cabella Ligure, Cantalupo Ligure, Capriata d'Orba, Carezzano, Carpeneto, Carrega Ligure, Carrosio, Cassano Spinola, Cassine, Castellania Coppi, Castelletto d'Orba, Castelnuovo Bormida, Castelspina, Costa Vescovato, Dernice, Fabbbrica Curone, Francavilla Bisio, Frascaro, Fresonara, Gamalero, Garbagna, Gavi, Grondona, Mongiardino Ligure, Montacuto, Montaldeo, Montaldo Bormida, Morsasco, Novi Ligure, Orsara Bormida, Paderna, Parodi Ligure, Pasturana, Predosa, Ricaldone, Rivalta Bormida, Rocca Grimalda, Roccaforte Ligure, Rocchetta Ligure, San Cristoforo, San Sebastiano Curone, Sant'Agata Fossili, Sardigliano, Serravalle Scrivia, Sezzadio, Silvano d'Orba, Stazzano, Strevi, Tassarolo, Terzo, Trisobbio, Vignole Borbera, Villalvernia, Visone. Provincia di Asti Aglia Terme, Albugnano, Antignano, Aramengo, Azzano d'Asti, Baldichieri d'Asti, Belveglio, Berzano di San Pietro, Bruno, Buttigliera d'Asti, Calamandrana, Calosso, Camerano Casasco, Canelli, Cantarana, Capriglio, Cassinasco, Castagnole delle Lanze, Castel Boglione, Castel Rocchero, Castellero, Castelletto Molina, Castelnuovo Belbo, Castelnuovo Calcea, Castelnuovo Don Bosco, Cellarengo, Celle Enomondo, Cerreto d'Asti, Cerro Tanaro, Cinaglio, Cisterna d'Asti, Coazzolo, Cocconato, Cortandone, Cortanze, Cortazzone, Cortiglione, Costigliole d'Asti, Cunico, Dusino San Michele, Ferrere, Fontanile, Incisa Scapaccino, Isola d'Asti, Maranzana, Mareto, Moasca, Mombaruzzo, Mombercelli, Monale, Moncucco Torinese, Mongardino, Montabone, Montafia, Montaldo Scarampi, Montechiaro d'Asti, Montegrosso d'Asti, Montiglio Monferrato, Moransengo, Nizza Monferrato, Passerano Marmorito, Piea, Pino d'Asti, Piovà Massaia, Quaranti, Revigliasco d'Asti, Roatto, Rocca d'Arazzo, Rocchetta Palafea, Rocchetta Tanaro, San Damiano d'Asti, San Martino Alfieri, San Marzano Oliveto, San Paolo Solbrito, Settime, Soglio, Tigliole, Tonengo, Vaglio Serra, Valfenera, Viale, Vigliano d'Asti, Villafranca d'Asti, Villanova d'Asti, Vinchio. Provincia di Cuneo Barbaresco, Canale, Castagnito, Castellinaldo d'Alba, Castiglione Tinella, Govone, Guarene, Magliano Alfieri, Montà, Monteu Roero, Neive, Priocca, Santo Stefano Belbo, Santo Stefano Roero, Vezza d'Alba. Città metropolitana di Torino Agliè, Alpignano, Andezeno, Arignano, Bairo, Balangero, Baldissero Canavese, Baldissero Torinese, Barbania, Beinasco, Borgaro Torinese, Borgiallo, Bosconero, Brosso, Busano, Cafasse, Cambiano, Canischio, Casalborgone, Caselle Torinese, Castagneto Po, Castellamonte, Castelnuovo Nigra, Chieri, Chiesanuova, Ciconio, Cintano, Cinzano, Ciriè, Collegno, Colletterto Castelnuovo, Corio, Cuceglio, Cuorgnè, Druento, Favria, Feletto, Fiano, Forno Canavese, Frassinetto, Front, Givoletto, Grosso, Grugliasco, Ingria, Isolabella, Issiglio, La Cassa, La Loggia, Lauriano, Levone, Lombardore, Lusigliè, Marentino, Mathi, Mombello di Torino, Moncalieri, Montaldo Torinese, Montalenghe, Moriondo Torinese, Nichelino, Nole, Oglianico, Orbassano, Ozegna, Pavarolo, Pecetto Torinese, Perosa Canavese, Pertusio, Pianezza, Pino Torinese, Poirino, Pont Canavese, Pralormo, Prascorsano, Pratiglione, Quagliuzzo, Riva presso Chieri, Rivalba, Rivalta di Torino, Rivara, Rivarolo Canavese, Rivarossa, Rivoli, Robassomero, Rocca

		Canavese, Ronco Canavese, Rueglio, Salassa, San Carlo Canavese, San Colombano Belmonte, San Francesco al Campo, San Gillio, San Giorgio Canavese, San Giusto Canavese, San Martino Canavese, San Maurizio Canavese, San Ponso, San Sebastiano da Po, Santena, Strambinello, Torino, Torre Canavese, Traversella, Trofarello, Val di Chy, Valchiusa, Vallo Torinese, Valperga, Valprato Soana, Varisella, Vauda Canavese, Venaria Reale, Vialfrè, Vidracco, Villanova Canavese, Vistrorio. Provincia del Verbano-Cusio-Ossola Antrona Schieranco, Aurano, Baceno, Bannio Anzino, Bognanco, Borgomezzavalle, Calasca-Castiglione, Cannobio, Caprezzo, Ceppo Morelli, Craveggia, Druogno, Formazza, Gurro, Intragna, Macugnaga, Malesco, Masera, Montecrestese, Montescheno, Pallanzeno, Piedimulera, Premia, Re, Santa Maria Maggiore, Tocco, Trarego Viggiona, Trasquera, Valle Cannobina, Vanzone con San Carlo, Varzo, Villadossola, Villette. Provincia di Vercelli Alagna Valsesia, Alto Sermenza, Boccioleto, Campertogno, Carcoforo, Molia.
	Emilia-Romagna	The entire territory of the following municipalities: Provincia di Piacenza Agazzano, Bettola, Bobbio, Calendasco, Cerignale, Coli, Corte Brugnatella, Farini, Gazzola, Gossolengo, Gragnano Trebbiense, Ottone, Piacenza, Pianello Val Tidone, Piozzano, Podenzano, Ponte dell'Olio, Rivergaro, Rottofreno, Sarmato, Travo, Vigolzone, Zerba.
	Valle d'Aosta	The entire territory of the following municipalities: Provincia di Aosta Allein, Antey-Saint-Andrè, Aosta, Arvier, Avise, Ayas, Aymavilles, Bard, Bionaz, Brusson, Challand-Saint-Anselme, Challand-Saint-Victor, Chambave, Chamois, Champdepraz, Champorcher, Charvensod, Châtillon, Cogne, Doues, Emarèse, Etroubles, Fénis, Fontainemore, Gaby, Gignod, Gressan, Gressoney-La-Trinité, Gressoney-Saint-Jean, Hône, Introd, Issime, Issogne, Jovençon, La Magdeleine, Lillianes, Nus, Ollomont, Oyace, Perloz, Pont-Saint-Martin, Pontboset, Pontey, Rhêmes-Saint-Georges, Roisan, Saint-Denis, Saint-Marcel, Saint-Nicolas, Saint-Oyen, Saint-Pierre, Saint-Rhémy-en-Bosses, Saint-Vincent, Sarre, Torgnon, Valpelline, Valsavarenche, Valtournenche, Verrayes, Villeneuve.

2. Portugal

Number/name of demarcated area (DA)	Zone of DA	Region
1.	Infested zone	Azores Islands ⁽¹⁾

⁽¹⁾ No need of buffer zone, as they are islands.

PART A

[illegible]

2. Instructions how to fill in the template

If this template is filled, the template in Part B is not to be filled.

For column 1: Indicate the name of the geographical area, outbreak number or any information that allows identification of this demarcated area (DA) and the date when it was established.

For column 2: Indicate the size of the DA before the start of the survey.

For column 3: Indicate the size of the DA after the survey.

For column 4: Indicate the approach: Eradication or Containment. Please, include as many rows as necessary, depending on the number of DA and the approaches these areas are subject to.

For column 5: Indicate the zone of the DA where the survey was carried out, including as many rows as necessary: Infested (IZ) or buffer zone (BZ), using separate rows. When applicable, indicate the area of the IZ where the survey was carried out (e.g. last 20 km adjacent to the BZ, around nurseries, etc.) in different rows.

For column 6: Indicate the number and the description of the survey sites, by choosing one of the following entries for the description:

1. Open air (production area): 1.1. field (arable, pasture); 1.2. orchard/vineyard; 1.3. nursery; 1.4. forest;
2. Open air (other): 2.1. private garden; 2.2. public sites; 2.3. conservation area; 2.4. wild plants in areas other than conservation areas; 2.5. other, with specification of the particular case (e.g. garden centre, commercial sites that uses wood packaging material, wood industry, wetlands, irrigation and drainage network, etc.);
3. Physically closed conditions: 3.1. greenhouse; 3.2. private site, other than greenhouse; 3.3. public site, other than greenhouse; 3.4. other, with specification of the particular case (e.g. garden centre, commercial sites that uses wood packaging material, wood industry).

For column 7: Indicate which are the risk areas identified based on the biology of the pest, presence of host plants, eco-climatic conditions and risk locations.

For column 8: Indicate the risk areas included in the survey, from those identified in column 7.

For column 9: Indicate plants, fruits, seeds, soil, packaging material, wood, machinery, vehicles, water, other, specifying the specific case.

For column 10: Indicate the list of plant species/genera surveyed using one row per plant species/genera.

For column 11: Indicate the months of the year when the survey was carried out.

For column 12: Indicate the details of the survey, depending on the specific legal requirements of each pest. Indicate with N/A when the information of certain column is not applicable.

For columns 13 and 14: Indicate the results, if applicable, providing the information available in the corresponding columns. 'Undetermined' are those analysed samples for which no result was obtained due to different factors (e.g. below detection level, unprocessed sample-not identified, old).

For column 15: Indicate the outbreak notifications of the year when the survey took place for findings in the BZ. The outbreak notification number does not need to be included when the competent authority has decided that the finding is one of the cases referred to in Article 14(2), Article 15(2) or Article 16 of Regulation (EU) 2016/2031. In this case, indicate the reason for not providing this information in column 16 ('Comments').

1. Template for reporting of the results of statistically-based annual surveys

					1. Description of the Demarcated Area (DA)	
					Name	Date of establishment
					2. Initial size of DA (ha)	
					3. Updated size of DA (ha)	
					4. Approach	
					5. Zone	
					6. Survey sites	
					Description	Number
					7. Timing	
A. Survey definition (input parameters for RiBESS+)					8. Target population	
					Area (ha or other more relevant unit)	
					Inspection units	
					Description	
					Units	
					Visual examinations	
					Trapping	
					Testing	
					Other methods	
					11. Sampling effectiveness	
					12. Method sensitivity	
13. Risk factors (activities, locations and areas)					Risk factor	
					Risk levels	
					of locations	
					Relative risks	
					Proportion of the host population	
B. Sampling effort					14. No of epidemiological units inspected	
					15. No of visual examinations	
					16. No samples	
					17. No of traps	
					18. No of trapping sites	
					19. No of tests	
					20. No of other measures	
C. Survey results					21. Results	
					Positive	
					Negative	
					Undetermined	
					22. Notification number of the outbreaks notified, as applicable, in accordance with Implementing Regulation (EU) 2019/1715	
					Number	
					Date	
					23. Achieved Confidence level	
					24. Design prevalence	
					25. Comments	

2. Instructions on how to fill in the template

Explain the underlying assumptions for the survey design per pest. Summarise and justify:

- the target population, epidemiological unit and inspection units,
- the detection method and method sensitivity,
- the risk factor(s), indicating the risk levels and corresponding relative risks and proportions of host plant population.

For column 1: Indicate the name of the geographical area, outbreak number or any information that allows identification of this demarcated area (DA) and the date when it was established.

For column 2: Indicate the size of the DA before the start of the survey.

For column 3: Indicate the size of the DA after the survey.

For column 4: Indicate the approach: Eradication or Containment. Please, include as many rows as necessary, depending on the number of DA per pest and the approaches these areas are subject to.

For column 5: Indicate the zone of the DA where the survey was carried out, including as many rows as necessary: Infested zone (IZ) or buffer zone (BZ), using separate rows. Where applicable, indicate the area of the IZ where the survey was carried out (e.g. last 20 km adjacent to the BZ, around nurseries, etc.) in different rows.

For column 6: Indicate the number and the description of the survey sites, by choosing one of the following entries for the description:

1. Open air (production area): 1.1 field (arable, pasture); 1.2. orchard/vineyard; 1.3. nursery; 1.4. forest;
2. Open air (other): 2.1. private gardens; 2.2. public sites; 2.3. conservation area; 2.4. wild plants in areas other than conservation areas; 2.5. other, with specification of the particular case (e.g. garden centre, commercial sites that uses wood packaging material, wood industry, wetlands, irrigation and drainage network, etc.);
3. Physically closed conditions: 3.1. greenhouse; 3.2. private site, other than greenhouse; 3.3. public site, other than greenhouse; 3.4. other, with specification of the particular case (e.g. garden centre, commercial sites that uses wood packaging material, wood industry).

For column 7: Indicate the months of the year when the surveys were carried out.

For column 8: Indicate the chosen target population providing accordingly the list of host species/genera and area covered. The target population is defined as the ensemble of inspection units. Its size is defined typically for agricultural areas as hectares, but could be lots, fields, greenhouses, etc. Please justify the choice made in the underlying assumptions. Indicate the inspection units surveyed. 'Inspection unit' means plants, plant parts, commodities, materials, pest vectors that had been scrutinised for identifying and detecting the pests.

For column 9: Indicate the epidemiological units surveyed, indicating its description and unit of measurement. 'Epidemiological unit' means a homogeneous area where the interactions between the pest, the host plants and the abiotic and biotic factors and conditions would result into the same epidemiology, should the pest be present. The epidemiological units are a subdivision of the target population that are homogenous in terms of epidemiology with at least one host plant. In some cases the whole host population in a region/area/country may be defined as epidemiological unit. They could be Nomenclature of territorial units for statistics (NUTS) regions, urban areas, forests, rose gardens or farms, or hectares. The choice of the epidemiological units has to be justified in the underlying assumptions.

For column 10: Indicate the methods used during the survey including the number of activities in each case, depending on the specific legal requirements of each pest. Indicate with N/A when the information of certain column is not available.

For column 11: Indicate an estimation of the sampling effectiveness. Sampling effectiveness means the probability of selecting infected plant parts from an infected plant. For vectors, it is the effectiveness of the method to capture a positive vector when it is present in the survey area. For soil, it is the effectiveness of selecting a soil sample containing the pest when the pest is present in the survey area.

For column 12: 'Method sensitivity' means the probability of a method to correctly detect pest presence. The method sensitivity is defined as the probability that a truly positive host tests positive. It is the multiplication of the sampling effectiveness (i.e. probability of selecting infected plant parts from an infected plant) by the diagnostic sensitivity (characterised by the visual inspection and/or laboratory test used in the identification process).

For column 13: Provide the risk factors in different rows, using as many rows as necessary. For each risk factor indicate the risk level and corresponding relative risk and proportion of host population.

For column B: Indicate the details of the survey, depending on the specific legal requirements for each pest. Indicate with N/A when the information of certain column is not applicable. The information to be provided in these columns is related to the information included in the column 10 'Detection methods'.

For column 18: Indicate the number of trapping sites in case this number differs from the number of traps (column 17) (e.g. the same trap is used in different places).

For column 21: Indicate the number of samples found positive, negative or undetermined. 'Undetermined' are those analysed samples for which no result was obtained due to different factors (e.g. below detection level, unprocessed sample-not identified, old).

For column 22: Indicate the outbreak notifications of the year when the survey took place. The outbreak notification number does not need to be included when the competent authority has decided that the finding is one of the cases referred to in Article 14(2), Article 15(2) or Article 16 of Regulation (EU) 2016/2031. In this case, indicate the reason for not providing this information in column 25 ('Comments').

For column 23: Indicate the sensitivity of the survey, as defined in International Standard for Phytosanitary Measures (ISPM) 31. This value of the achieved confidence level of pest freedom is calculated based on the examinations (and/or samples) performed given the method sensitivity and the design prevalence.

For column 24: Indicate the design prevalence based on a pre-survey estimate of the likely actual prevalence of the pest in the field. The design prevalence is set as a goal of the survey and corresponds to the compromise the risk managers are making between the risk of having the pest and the resources available for the survey. Typically, for a detection survey a value of 1 % is set.
