

COMMISSION IMPLEMENTING REGULATION (EU) 2022/1630**of 21 September 2022****establishing measures for the containment of Grapevine flavescence dorée phytoplasma within certain demarcated areas**

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) and (e), 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) Grapevine flavescence dorée phytoplasma ('the specified pest') is included in that list, as it is known to occur in certain parts of the Union territory, having significant impact on the cultivation of plants of *Vitis* L. ('specified plants'), the main host for that pest.
- (3) *Scaphoideus titanus* Ball ('the specified vector') has been identified as an efficient vector of the specified pest. This vector plays an important role in the establishment and further spread of Grapevine flavescence dorée phytoplasma ⁽³⁾ in the Union territory, therefore measures for its identification and control should be established.
- (4) The surveys carried out pursuant to Article 19 of Regulation (EU) 2016/2031 show that eradication of the specified pest in certain demarcated areas is no longer possible.
- (5) Therefore, measures should be established for the containment of the specified pest within those demarcated areas, consisting of infected zones and buffer zones. Those measures should consist of destruction and removal of the infected specified plants and application of appropriate treatments in order to prevent the spread of the specified pest to the rest of the Union territory.
- (6) The competent authorities should raise public awareness to ensure that the general public and professional operators, concerned by the containment measures in the demarcated areas, are aware of the applied measures and the delimitation of the demarcated areas for that purpose.
- (7) Nevertheless, if the specified pest is found in a buffer zone surrounding an infected zone subject to measures for the containment of the specified pest, that new finding should result in the establishment of a new demarcated area by the competent authority, where eradication is pursued.

⁽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⁾ EFSA PLH Panel (EFSA Panel on Plant Health), 2014. Scientific Opinion on pest categorisation of grapevine Flavescence Dorée. EFSA Journal 2014;12(10):3851, 31 pp. doi:10.2903/j.efsa.2014.3851.

- (8) Annual surveys for the presence of the specified pest and the specified vector as set out in Article 22 of Regulation (EU) 2016/2031 and in Commission Implementing Regulation (EU) 2020/1231 ⁽⁴⁾ should be carried out to ensure the early detection of the specified pest in areas of the Union territory where the specified pest is not known to be present. Those surveys should be based on the pest survey card on the specified pest and its vector published by the European Food Safety Authority, as it takes into account the latest scientific and technical developments.
- (9) 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 establishes measures for the containment of Grapevine flavescence dorée phytoplasma within the demarcated areas where its eradication is not possible.

Article 2

Definitions

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

- (1) 'the specified pest' means Grapevine flavescence dorée phytoplasma;
- (2) 'the specified plants' means plants of *Vitis* L., other than fruits and seeds;
- (3) 'the specified vector' means *Scaphoideus titanus* Ball;
- (4) 'the demarcated area for containment' means an area listed in Annex I, where the specified pest cannot be eradicated;
- (5) 'the pest survey card' means the publication 'Pest survey card on flavescence dorée phytoplasma and its vector *Scaphoideus titanus*' ⁽⁵⁾ of the European Food Safety Authority.

Article 3

Establishment of demarcated areas for containment

The competent authorities shall establish the demarcated areas for containment of the specified pest consisting of an infected zone and a buffer zone of a width of at least 2,5 km, surrounding the infected zone.

Article 4

Measures within the demarcated areas for containment

1. In the infected zones, the competent authorities shall ensure that the following measures are taken:
 - (a) removal and destruction the specified plants found infected with the specified pest as soon as possible and at the latest before the beginning of the next growing season;

⁽⁴⁾ 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).

⁽⁵⁾ Pest survey card on flavescence dorée phytoplasma and its vector *Scaphoideus titanus*. EFSA supporting publication 2020:EN-1909. 36 pp. doi:10.2903/sp.efsa.2020.EN-1909.

(b) application of appropriate treatments to control the specified vector.

2. In the buffer zones, the competent authorities shall ensure the application of appropriate treatments to control the specified vector, in the case of presence of the specified vector.

Where the presence of the specified pest has been officially confirmed in the specified plants in the buffer zone, Articles 17 and 18 of Regulation (EU) 2016/2031 shall apply.

3. Within the demarcated areas for containment, 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.

The competent authorities shall inform the general public and the professional operators concerned of the delimitation of the demarcated area for containment.

Article 5

Surveys

1. The competent authorities shall carry out the surveys as provided for in paragraphs 2 and 3, taking into account the information referred to in the pest survey card.

2. They shall carry out annual risk based surveys for the presence of the specified pest and the specified vector in the areas of the Union territory where the specified pest is not known to be present but could become established.

3. In the buffer zones of the demarcated areas for containment, they 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 and its specified vector.

Those surveys shall include:

- (a) visual examinations of the specified plants to detect the specified pest;
- (b) sampling and testing in case of suspicion of the presence of the specified pest; and
- (c) appropriate trapping for the detection of the specified vector.

Those surveys shall be more intensive than the surveys referred to in paragraph 2 with a higher number of visual examinations, and where appropriate, sampling and testing.

Article 6

Reporting

By 30 April of each year, Member States shall submit to the Commission and to the other Member States the results of the surveys carried out in the preceding calendar year pursuant to:

- (a) Article 5(2) of this Regulation, using one of the templates set out in Annex I to Implementing Regulation (EU) 2020/1231;
- (b) Article 5(3) of this Regulation, using one of the templates set out in Annex II to this Regulation.

Article 7

Entry into force

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

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

Done at Brussels, 21 September 2022.

For the Commission
The President
Ursula VON DER LEYEN

Lists of demarcated areas for containment referred to in Article 2

1. Croatia

Number/ name of demarcated area (DA)	Zone of DA	Region	Municipalities or other administrative/geographic delimitations
1.	Infected zone	Panonic Croatia (Bjelovar-Bilogora county, Virovitica-Podravina county, Požega-Slavonija county, Brod-Posavina county, Osijek-Baranja county, Vukovar-Srijem county, Karlovac county, Sisak-Moslavina county)	<i>Cadastral municipalities</i> Bedenik, Bjelovar, Bojana, Brezovac, Ciglena, Čazma, Dapci, Diklenica, Draganec, Gornje Plavnice, Kapela, Kobasičari, Kraljevac, Križic, Orovac, Petrička, Podgorci, Pupelica, Ribnjička, Sišćani, Veliko Korenovo, Veliko Trojstvo, Vrtlinska, Zrinski Topolovac; Borova, Čačinci, Donja Pištana, Duzluk, Kozice, Krajna, Nova Jošava, Pčelić, Podravska Slatina, Sedlarica, Stara Jošava, Šumeđe, Turnašica, Virovitica, Vukosavljevica; and Kutjevo, Mitrovac, Venje; Cernik, Nova Gradiška, Šumetlica; Draž, Majar, Trnava, Zmajevac I; Bapska, Grabovo, Ilok, Lovas, Mohovo, Opatovac, Sotin, Šarengrad, Tovarnik, Vukovar; Belaj, Bratovanci, Breznik, Brlog Ozaljski, Bubnjarci, Donji Lović, Draganić, Duga Resa 2, Dvorište Vivodinsko, Ferenci, Grščaki, Ilovac, Jurovo, Lišnica, Lović Prekriški, Mala Švarča, Mrzlo Polje Mrežničko, Oštri Vrh Ozaljski, Ozalj, Police Pirišće, Svetice, Svetičko Hrašće, Vivodina, Vrhovac, Zagradci, Zajačko Selo, Zaluka, Žakanje; and Batina, Gornja Jelenska, Ilova, Katoličko Selišće, Kutina, Popovača, Repušnica, Voloder.
	Buffer zone	Panonic Croatia (Bjelovar-Bilogora county, Virovitica-Podravina county, Požega-Slavonija county, Brod-Posavina county, Osijek-Baranja county, Vukovar-Srijem county, Karlovac county, Sisak-Moslavina county)	<i>Cadastral municipalities</i> Bačkovica, Bedenička, Berek, Bjelovar-Sredice, Blatnica, Bosiljevo, Bršljanica, Brzaja, Cerina, Cjepidlake, Cremušina, Čadavac, Dapčevica, Daskatica, Dautan, Dereza, Donja Kovačica, Drljanovac, Đurđić, Galovac, Gornja Garešnica, Gornja Kovačica, Gornje Rovišće, Gudovac, Ivanska, Kakinac, Kaniška Iva, Klisa, Klokočevac, Kostanjevac, Kozarevac Račanski, Križ Gornji, Laminac, Lasovac, Lipovčani, Mala Pisanica, Mali Grđevac, Malo Trojstvo, Martinac, Međurača, Miklouš, Mosti, Narta, Nevinac, Nova Rača, Nove Plavnice-Hrgovljani, Obrovica, Orlovac, Pavlin Kloštar, Pobjenik, PRedavac, Prespa, Prgomelje, Rajić Gudovački, Rašenica, Ravneš, Removac, Rovišće, Ruškovac, Samarica, Sasovac, Severin, Šibenik, Slovinska Kovačica, Sredice Gornje, Srijedska, Stara Ploščica, Stare Plavnice, Šandrovac, Šimljana, Šimljanik, Štefanje, Šušnjara, Tomaš, Topolovica, Trojstveni Markovac, Turčević Polje, Vagovina, Velika Peratovica, Velika Pisanica, Veliki Grđevac, Višnjovac, Vukovje, Zdelice, Zrinska Žabjak, Ždralovi;

		Antunovac, Bačevac, Bakić, Bankovci, Bokane, Brezovljani, Budanica, Budrovac, Lukački, Bušetina, Cabuna, Crnac, Čeralije, Dinjevac, Dobrović, Dolci, Donja Bukovica, Donje Bazije, Donje Kusonje, Donje Predrijevo, Donji Meljani, Duga Međa, Dugo Selo Lukačko, Đuričić, Gačište, Gornja Bukovica, Gornja Pištana, Gornje Bazje, Gornje Kusonje, Gornje Viljevo, Gornji Miholjac, Grabrovnica, Gradina, Gvozdanska, Hum Varoš, Hum Voćinski, Ivanbrijeg, Jasenaš, Kapan, Kapinci, Kladare, Kokočak, Krasković, Kutovi, Levinovac, Lozan, Lukač, Lukavac, Macute, Mala Črešnjevica, Manastir Orahovica, Medinci, Mikleuš, Miljevci, Naudovac, Nova Bukovica, Obradovci, Orahovica, Orešac, Otrovanec, Paušinci, Pitomača I, Pitomača II, Pivnica, Požari, Pušina, Radosavci, Rezovac, Rijenci, Rogovac, Sladojevci, Slatinski Drenovac, Slatinski Lipovac, Slavonske Bare, Sopje, Stari Gradac, Suha Mlaka, Suhopolje, Špišić Bukovica, Turanovac, Vaška, Velika Črešnjevica, Virovitica-centar, Virovitica-city, Vrneševci, Zdenci; Bektež, Bjelajci, Cerovac, Ciglenik, Cikote, Doljanovci, Duboka, Grabarje, Gradište, Jakšić, Kaptol, Knežci, Kričke, Kula, Lakušija, Latinovac, Lukač, Podgorje, Poreč, Rogulje, Sesvete, Šnjegavić, Šumetlica, Tominovac, Vetovo, Zarilac; Adžamovci, Baćin Dol, Banićevac, Bobare, Bodavljaci, Donji Andrijevi, Drežnik, Garčin, Giletinci, Golobrdac, Gorice, Gunjavci, Klokočevik, Kovačevac, Ljupina, Mačkovac, Mašić, Medari, Novo Topolje, Opatovac, Podvrško, Poljane, Prvča, Rešetari, Rogolji, Sičice, Stari Perkovci, Staro Topolje, Šagovina Cernička, Šagovina Mašička, Širinci, Trnava, Vrbje, Žuberkovac; Batina, Beljevina, Bokšić, Branjin Vrh, Branjina, Breznica Đakovačka, Dalj, Donja Motičina, Dragotin, Duboševica, Đurđenovac, Feričanci, Gajić, Gašinci, Gazije, Gornja Motičina, Gradac Našički, Hrkanovci Đakovački, Kneževi Vinogradi, Kondrić, Kotlina, Lapovci, Levanjska Varoš, Mandićevac, Musić, Nabrđe, Novi Perkovci, Paučje, Podolje, Pridvorje, Selci Đakovački, Seona, Slatinik Drenjski, Slobodna Vlast, Suza, Svetoblažje, Topolje; Apševci, Banovci, Berak, Bogdanovci, Borovo, Borovo Naselje, Bršadin, Čakovci, Ilača, Lipovača, Marinci, Mikluševci, Negoslavci, Nijemci, Pačetin, Petrovci, Podgrađe, Srijemske Laze, Stari Jankovci, Svinjarevci, Tompojevci, Trpinja; Banska Selnica, Barilović, Blatnica Pokupska, Brajakovo Brdo, Brašljeva, Bukovlje, Cerovac Barilovićki, Cerovac Vukmanički, Donje Mekuše, Donje Pokupje, Donji Budački, Donji Skrad, Donji Zvečaj, Gornje Mekuše, Gornje Prilišće, Gornje Stative, Gornji Zvečaj, Griče, Jarče Polje, Jaškovo, Kamensko, Karlovac I, Karlovac II, Kosijersko Selo, Kozalj Vrh, Ladešići, Lipa, Lipnik, Luka Pokupska, Mahično, Maletići, Malinci, Martinski Vrh, Modruš Potok, Mračin, Mrežnički Novaki, Mrzljaki, Novaki Ozaljski, Piščetke, Podbrežje, Pokupje, Pravutina, Rečica, Ribnik, Rosopajnik, Skakavac, Slapno, Sračak, Šišljavić, Tomašnica, Trg, Turanj, Tušilović, Velika Jelsa, Vinski Vrh, Vodena Draga, Vukmanić, Zadobarje, Zagrad, Zorkovac; and Banova Jaruga, Bistrač, Bobovac, Cerje Letovaničko, Crkveni Bok, Čaire, Čigoč, Grabrov Potok, Gračenica, Gušće, Husain, Kraljeva Velika, Kratečko, Krivaj, Kutinica, Lipovljani, Lonja, Ludina, Međurić, Mikleuška, Mužilovčica, Okoli, Osekovo, Peščenica, Piljenice, Potok, Puska, Ruškovića, Selište, Stremen, Stružec, Stupovača, Svinjičko, Šartovac, Vidrenjak, Vukojevac, Zbjegovača.
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2.	Infected zone	Adriatic Croatia (Istria county)	<i>Cadastral municipalities</i> Bačva, Brkač, Brtonigla, Buje, Donja Mirna, Frata, Grožnjan, Kaldir, Karojba, Kaštel, Kaštelir, Kostajnica, Krasica, Kršete, Labinci, Lovrečica, Materada, Motovun, Nova Vas, Novigrad, Petrovija, Savudrija, Sveti Ivan, Sveti Vital, Umag, Višnjan, Vižinada, Završje, Žbandaj.
	Buffer zone	Adriatic Croatia (Istria county)	<i>Cadastral municipalities</i> Baderna, Beram, Brdo, Čepić, Dračevac, Funtana, Fuškulín, Gradina, Grdoselo, Kašćerga, Kringa, Kršikla, Kuberton, Kućibreg, Lim, Lovreč, Marčenegla, Merišće, Momjan, Mugeba, Muntrilj, Mušalež, Novaki Motovunski, Oprtalj, Pazin, Poreč, Rakotule, Rovinj, Rovinjsko Selo, Senj, Sovinjak, Soviščina, Šterna, Tar, Tinjan, Triban, Trviž, Vabriga, Varvari, Vrh, Vrsar, Zamask, Zrenj, Zumesk.
3.	Infected zone	North Croatia with the City of Zagreb region (Međimurje County, Varaždin County, Koprivnica-Križevci county, Krapina-Zagorje county, Zagreb county, the City of Zagreb)	<i>Cadastral municipalities</i> Badličan, Bogdanovec, Donji Vidovec, Dragoslavec, Dunjkovec, Gornja Dubrava, Gornji Mihaljevec, Gradišćak, Kotoriba, Lopatinec, Martinuševec, Preseka, Pretetinec, Prhovec, Robadje, Selnica, Slakovec, Stanetinec, Sveta Marija, Sveti Martin na Muri, Sveti Urban, Šenkovec, Štrigova, Štrukovec, Vukanovec, Zasadbreg, Zebanec, Železna Gora; Babinec, Bednja, Beletinec, Beretinec, Bolfan, Breznica, Butkovec, Cerje Tužno, Čanjevo, Črešnjevo, Čukovec, Donja Višnjica, Donja Voća, Donje Makojišće, Drenovec, Dubrava Križovljanska, Đurinovec, Gornja Višnjica, Gornje Ladanje, Gornji Martijanec, Grana, Hrastovec Toplički, Hrastovsko, Ivanec, Jakopovec, Jalžbet, Jerovec, Kamena Gorica, Kamenica, Kaniža, Kelemen, Klenovnik, Ključ, Kneginec, Lepoglava, Ludbreg, Ljubelj Kalnički, Ljubeščica, Mali Bukovec, Marčan, Natkrižovljan, Novakovec, Očura, Podevčevo, Poljana, Radovan, Remetinec, Rinkovec, Segovina, Sigetec Ludbreški, Sudovec, Sveti Ilija, Svibovec, Šaša, Šćepanje, Tuhovec, Tužno, Varaždin Breg, Varaždinske Toplice, Vidovec, Vinica Breg, Vinično, Vinogradi Ludbreški, Visoko; Apatovec, Bakovčica, Bočkovec, Bojnikovec, Borje, Botinovac, Budrovac, Carevdar, Cirkvena, Cubinec, Čepelovac, Dijankovec, Donja Brckovčina, Dubovec, Đurđevac II, Đurđić, Erdovec, Finčevac, Fodrovec, Glogovac, Glogovnica, Gornja Rijeka, Gregurovec, Guščerovec, Hampovica, Hudovljani, Jagnjedovec, Jagnjedovec-grad, Javorovac, Kalinovac, Kalnik, Kamešnica, Kloštar Podravski, Kloštar Vojakovački, Koprivnica, Kozarevac, Križevci, Kunovec, Kunovec Breg, Lemeš, Lukačevac, Majurec, Mala Mučna, Mičetinac, Miholec, Miholjanec, Novi Glog, Novigrad Podravski, Osijek Vojkovački, Plavšinar, Podvinje Miholečko, Pofuki, Potočec, Potok Kalnički, Prkos, Prugovac, Rasinja, Raščani, Raven, Ruševac, Sokolovac, Subotica Podravska, Suha Katalena, Sveta Helena, Sveti Ivan Žabno, Sveti Petar Čvrstec, Sveti Petar Orehovec, Šemovci, Špiranec, Štrigovec, Trema, Velika Mučna, Veliki Grabičani, Veliki Poganac, Virje, Vojakovac, Vojnovec Kalnički, Zaistovec; Andraševac, Bedekovčina, Belec, Budinščina, Donja Batina, Donja Stubica, Donja Šemnica, Dubovec, Dubrovčan, Globočec, Gornja Stubica, Gubaševo, Hrašćina, Hrašćinski Kraljevec, Hum Stubički, Jertovec, Jesenje, Klanjec, Komor, Kraljev Vrh, Krapina, Krapina jug, Krapina-city, Laz Bistrički, Mače, Marija Bistrica, Martinci Zlatarski, Mirkovec, Oštrc, Peršaves, Petrova Gora, Poljanica Bistrička, Poznanovec, Purga, Pustodol, Radoboj, Ravno

		Brezje, Razvor, Selnica, Slani Potok, Strmec, Strmec Stubički, Stubička Slatina, Stubičko Podgorje, Sveti Križ, Sveti Križ Začretje, Sveti Matej, Šemnica, Špičkovina, Tomaševac, Tugonica, Tuhelj, Veleškovec, Veliko Trgovišće, Veternica, Vojnovac Loborski, Vrtanjakovec, Zabok, Zagorska Sela, Zajezda, Zlatar; Bedenica, Bešlinec, Blaškovec, Blaževdol, Brckovljani, Caginec, Dijaneš, Donja Lomnica, Dubranec, Dubrava, Dugo Selo I, Fuka, Gostović, Gradec, Habjanovac, Haganj, Helena, Hrastje, Hrebinec, Hrnjanec, Hruškovića, Kloštar Ivanić, Komin, Kozjača, Krašić II, Kupljenovo, Laktec, Lonjica, Lovrečka Varoš, Lukavec, Mala Gorica, Molvice, Novoselec, Obreška, Orešje, Paukovec, Pluska, Prekrižje, Prozorje, Psarjevo, Rakitje, Stari Glog, Strmec Samoborski, Sveti Nedelja, Šiljakovina, Šumečani, Tkalec, Tomaševac, Velika, Vrbovec, Zelina, Žitomir; and Adamovec, Blaguša, Čučerje, Đurđekovec, Glavnica, Gornji Stenjevec, Gračani, Granešina, Kašina, Maksimir, Podsused, Remete, Sesvete.
Buffer zone	North Croatia with the City of Zagreb region (Međimurje County, Varaždin County, Koprivnica-Križevci county, Krapina-Zagorje county, Zagreb county, the City of Zagreb)	<i>Cadastral municipalities</i> Cirkovljan, Čakovec, Črečan, Čukovec, Donja Dubrava, Donji Kraljevec, Donji Mihaljevec, Draškovec, Goričan, Gornji Hrašćan, Gornji Kraljevec, Gornji Pustakovec, Gornji Vidovec, Hemuševac, Hlapičina, Ivanovec, Krištanovec, Križovec, Kuršanec, Macinec, Mačkovec, Mihovljan, Mursko Središće, Nedelišće, Novo Selo Rok, Oporovec, Orehovica, Peklenica, Podbrest, Prelog, Pribislavec, Pušćine, Savska Ves, Strahoninec, Šandrovec, Totovec, Trnovec, Vratišinec, Vularija, Žiškovec; Bela, Bisag, Biškupec, Biškupec II, Čalinec, Črnc Biškupečki, Donje Ladanje, Donji Kućan, Drašković, Druškovec, Družbinec, Gojanec, Gornja Voća, Gornji Kućan, Hrastovljan, Hrženica, Jalkovec, Kapela Kalnička, Kapela Podravska, Karlovec Ludbreška, Križovljan, Kućan Marof, Leskovec Toplički, Lunjkovec, Majerje, Martijanec, Maruševac, Nedeljanec, Nova Ves Petrijanečka, Novi Marof, Novo Selo Podravsko, Petrijanec, Poljana Biškupečka, Radovec, Selnik, Sesvete Ludbreške, Slanje, Slokovec, Sračinec, Struga, Sveti Đurđ, Sveti Petar, Šemovec, Trakošćan, Trnovec, Varaždin, Veliki Bukovec, Vinica, Vratno, Zamlacha, Zbelava, Žabnik; Branjska, Budančevica, Delovi, Drnje, Duga Rijeka, Đelekovec, Đurđevac I, Ferdinandovac, Gola, Gorica, Heršin, Hlebina, Hrsovo, Imbriovec, Koledinec, Koprivnički Bregi, Koprivnički Ivanec, Kutnjak, Kuzminec, Legrad, Lepa Greda, Lepavina, Marinovec, Međa, Mikovec, Molve, Novačka, Novo Virje, Petranec, Podravske Sesvete, Selnica Podravska, Severovci, Sigetec, Sirova Katalena, Srijem, Sveta Ana, Torčec, Veliki Otok, Vojakovečke Sesvete, Zablataje, Ždala; Cigrovec, Črešnjevec, Čret, Desinić, Donja Pačetina, Đurmanec, Gorjakovo, Gornja Pačetina, Gornja Čemehovec, Gotalovec, Gusakovec, Hlevnica, Jelenjak, Jezero Klanječko, Klokovec, Konjščina, Košnica, Kraljevec na Sutli, Krapinske Toplice, Lepa Ves, Lovrečan, Mala Erpenja, Mihovljan, Miljana, Modrovec, Mokrice, Novi Dvori Klanječki, Oroslavje, Pešćeno, Petrovsko, Plemešćina, Podgrađe Bistričko, Poljana Sutlanska, Pregrada, Putkovec, Radakovo, Selnica, Sopot, Sušobreg, Svedruža, Škarićevo, Švaljkovec, Velika Erpenja, Velika Horvatska, Velika Ves, Vinagora, Vrbanec;

		Andrilovec, Bađinec, Bistransko Podgorje, Bolč, Brčevac, Brdovec, Breška Greda, Brezine, Brezje, Brlenić, Bukovčak, Cerje Samoborsko, Cerovski Vrh, Cugovec, Cvetković, Cvetković Brdo, Čeglje, Črnkovec, Desinec, Domagović, Domaslovec, Donja Bistra, Donja Kupčina, Donja Zelina, Drežnik Podokički, Dubravica, Dugo Selo II, Farkaševac, Glagovo, Gornja Bistra, Gornja Kupčina, Gornji Hruševac, Gornji Vinkovec, Grabar, Gradići, Gustelnica, Hrastilnica, Hrušćica, Hudovo, Ivanić-Grad, Jakovlje, Jastrebarsko, Ježevo, Kabal, Kalinovica, Kalje, Kerestinec, Klinča Sela, Klokočevac, Klokočevac Samoborski, Konščica, Kosnica, Kostanjevac, Kraj, Krašić I, Kravarsko, Križ, Kupinec, Kupljenovo-novo, Kurilovec, Lazina Čička, Lekmeno, Leprovica, Lepšić, Lučelnica, Lepšić, Lučelnica, Luka, Lukinić Brdo, Lupoglav, Mahovljic, Marinkovac, Mičevac, Mirkovoplje, Mlaka, Mraclin, Mrzlo Polje Žumberačko, Negovec, Nova Kapela, Nova Marča, Novaki, Novo Brdo, Novo Čiče, Novo Mjesto, Obrezina, Obrež, Okešinec, Okić, Okunščak, Opatinec, Ostrna, Otok Samoborski, Paruževac, Pečno, Petrovina, Pirakovec, Pleso, Podjales, Podvornica, Pojatno, Poljana, Poljanski Lug, Posavski Bregi, Prečec, Preseka, Pribić, Prosinec, Pušća, Radoišće, Rakov Potok, Rakovec, Rakovica, Roženica, Rude, Rugvica, Salnik, Samobor, Samoborec, Slavetić, Sošice, Staro Čiče, Stupnik, Šarampov, Ščitarjevo, Širinec, Šušnjari, Topolje, Trebovec, Tučenik, Valetić, Velika Buna, Velika Gorica, Velika Jamnička, Velika Mlaka, Vinkovec, Volavje, Vrbovec, Vrbovec 1, Vukomerić, Vukovina, Vukšina, Zabrdje, Zaprešić, Zdenčina, Zetkan, Zvonik, Željezno Žumberačko, Žumberak; and Blato, Brezovica, Centar, Čehi, Črnomerec, Demerje, Dragonožec, Dubrava, Goranec, Gornje Vrapče, Granešina Nova, Horvati, Jakuševac, Klara, Lučko, Lužan, Markuševac, Mikulići, Odra, Odranski Obrež, Peščenica, Planina, Resnik, Rudeš, Sessvetski Kraljevec, Starjak, Stenjevec, Šašinovec, Šestine, Trešnjevka, Trnje, Trpuci, Vrapče, Vugrovec, Vurnovec, Zaprudski Otok, Žitnjak.
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2. Hungary

Extension of buffer zones of demarcated areas for containment of Croatia and Slovenia in the territory of Hungary:

Number/ name of demarcated area (DA)	Zone of DA	Region	Municipalities or other administrative/geographic delimitations
1.	Buffer zone	Bács-Kiskun county District of Baja	Hercegszántó
	Buffer zone	Baranya county District of Mohács	Kölked, Homorúd
2.	Buffer zone	Zala county District of Letenye	Tótszerdahely, Molnári
3.	Buffer zone	Zala county District of Lenti	Bödeháza, Nemesnép, Lendvajakabfa, Márokföld, Szentgyörgyvölgy
4.	Buffer zone	Zala county District of Lenti	Lendvadedes

3. Italy

Extension of buffer zones of demarcated areas for containment of Slovenia in the territory of Italy:

Number/ name of demarcated area (DA)	Zone of DA	Region	Municipalities or other administrative/geographic delimitations (partially)
1.	Buffer zone	Friuli Venezia Giulia Gorizia Province	Dolegna Del Collio, Gorizia, San Floriano Del Collio, Savogna D'isonzo
2.	Buffer zone	Friuli Venezia Giulia Trieste Province	Duino-Aurisina, Monrupino, Muggia, San Dorligo Della Valle – Dolina, Sgonico, Trieste
3.	Buffer zone	Friuli Venezia Giulia Udine Province	Prepotto

4. Portugal

Number/ name of demarcated area (DA)	Zone of DA	Region	Municipalities or other administrative/geographic delimitations
1.	Infected zone	Northern Portugal	Alijó, Amarante, Amares, Baião, Barcelos, Braga, Cabeceiras de Basto, Castelo de Paiva, Celorico de Basto, Cinfães, Esposende, Fafe, Felgueiras, Guimarães, Lousada, Maia, Marco de Canaveses, Monção, Mondim de Basto, Paços de Ferreira, Paredes, Paredes de Coura, Penafiel, Peso da Régua, Ponte de Lima, Póvoa de Lanhoso, Póvoa de Varzim, Ribeira de Pena, Sabrosa, Santa Marta de Penaguião, Santo Tirso, Trofa, Valença, Valongo, Vieira do Minho, Vila do Conde, Vila Nova de Famalicão, Vila Pouca de Aguiar, Vila Real, Vila Verde and Vizela; Part of the following municipalities: Arcos de Valdevez, Ponte da Barca, Terras de Bouro and Viana do Castelo.
	Buffer zone	Northern Portugal	Mesão Frio; Part of the following municipalities: Arcos de Valdevez, Armamar, Arouca, Boticas, Caminha, Chaves, Carrazeda de Ansiães, Gondomar, Lamego, Matosinhos, Melgaço, Montalegre, Murça, Porto, Ponte da Barca, Resende, Santa Maria da Feira, São João da Pesqueira, Tabuaço, Terras de Bouro, Valpaços, Viana do Castelo, Vila Nova de Cerveira, Vinhais..
		Central Portugal	Part of municipality Castro Daire.

5. Slovenia

Number/ name of demarcated area (DA)	Zone of DA	Region	Municipalities or other administrative/geographic delimitations
1.	Infected zone	Western Slovenia	Ankaran, Koper, Izola and Piran; and Sežana, Komen (except cadastral municipality Brestovica – ID 2408) and Renče-Vogrsko.
	Buffer zone	Western Slovenia	Brda, Nova Gorica, Miren-Kostanjevica, Šempeter- Vrtojba, Ajdovščina, Vipava, Divača and Hrpelje-Kozina, and cadastral municipality Brestovica (ID 2408) in municipality Komen.
2.	Infected zone	South Eastern Slovenia	Dolenjske Toplice, Straža, Mirna peč, Novo mesto (except cadastral municipalities Črešnjice – ID 1458 and Herinja vas – ID 1459).
	Buffer zone	South Eastern Slovenia	Žužemberk, Trebnje, Mirna, Šentrupert, Sevnica, Krško, Brežice, Mokronog-Trebelno, Šmarješke Toplice, Škocjan, Šentjernej, Kostanjevica na Krki, Semič, Črnomelj and Metlika, and cadastral municipalities in municipality Novo mesto: Črešnjice (ID 1458) and Herinja vas (ID 1459).
3.	Infected zone	North-Eastern Slovenia	Dobrovnik and Lendava; Trnovska vas, Destrnik, Sveti Jurij ob Ščavnici, Sveti Tomaž; the following cadastral municipalities in municipality Ljutomer: Desnjak (ID 262), Bučkovci – ID 252, Drakovci – ID 253, Moravci – ID 254, Godemarci – ID 255, Presika (ID 271, Nunska Graba (ID 270), Rinčetova Graba (ID 269), Kamensčak (ID 260), Stara cesta (ID 261), Mekotnjak (ID 263), Radomerje (ID 264), Gresovščak (ID 265), Plešivica (ID 266), Ilovci (267), Slamnjak (ID 268) and the part of Globoka (ID 274); the part of cadastral municipality Globoka belonging to municipality Razkrižje; and cadastral municipalities in municipality Ormož: Vičanci (ID 322), Senešci (ID 323), Sodinci (ID 324), Velika Nedelja (ID 331), Šardinje (ID 321), Hum (ID 314), Lahonci (ID 290), Žvab (ID 291), Runeč (ID 292), Stanovno (ID 293), Ivanjkovci (ID 294), Žerovinci (ID 295), Cerovec Stanka Vraza (ID 296), Veličane (ID 297), Mali Brebrovnik (ID 299), Veliki Brebrovnik (ID 300), Vinski vrh (ID 301), Miklavž (ID 302), Hermanci (ID 303), Gomila (ID 304), Kog (ID 305), Vuzmetinci (ID 306), Kajžar (ID 307), Zasavci (ID 308), Lačaves (ID 309), Jastrebc (ID 310), Vitan (ID 312), Pavlovski vrh (ID 315), Pavlovci (ID 317), Hardek (ID 318), Ormož (332) and Ključarovci pri Ormožu (ID 287).
	Buffer zone	North-Eastern Slovenia	Cankova, Rogašovci, Kuzma, Grad, Gornji Petrovci, Šalovci, Puconci, Moravske Toplice, Hodoš, Kobilje, Tišina, Murska Sobota, Beltinci, Turnišče, Odranci, Velika Polana, Črenšovci; Razkrižje, except the part of cadastral municipality Globoka;

			Ljutomer, except the following cadastral municipalities: Desnjak (ID 262), Bučkovci (ID 252), Drakovci (ID 253), Moravci (ID 254), Godemarci (ID 255), Presika (ID 271), Nunska Graba (ID 270), Rinčetova Graba (ID 269), a part of Globoka (ID 274), Kamenščak (ID 260), Stara cesta (ID 261), Mekotnjak (ID 263), Radomerje (ID 264), Gresovščak (ID 265), Plešivica (ID 266), Ilovci (267) and Slamnjak (ID 268); Ormož, except the following cadastral municipalities: Vičanci (ID 322), Senešci (ID 323), Sodinci (ID 324), Velika Nedelja (ID 331), Šardinje (ID 321), Hum (ID 314), Lahonci (ID 290), Žvab (ID 291), Runeč (ID 292), Stanovno (ID 293), Ivanjковci (ID 294), Žerovinci (ID 295), Cerovec Stanka Vraza (ID 296), Veličane (ID 297), Mali Brebrovnik (ID 299), Veliki Brebrovnik (ID 300), Vinski vrh (ID 301), Miklavž (ID 302), Hermanci (ID 303), Gomila (ID 304), Kog (ID 305), Vuzmetinci (ID 306), Kajžar (ID 307), Zasavci (ID 308), Lačaves (ID 309), Jastrebc (ID 310), Vitan (ID 312), Pavlovski vrh (ID 315), Pavlovci (ID 317), Hardek (ID 318), Ormož (332) and Ključarovci pri Ormožu (ID 287); and Središče ob Dravi, Maribor, Duplek, Lenart, Cerkvenjak Kungota, Pesnica, Šentilj, Sveti Jurij v Slovenskih goricah, Sveta Ana, Apače, Benedikt, Sveta Trojica v Slovenskih goricah, Gornja Radgona, Radenci, Križevci, Veržej, Sveti Andraž v Slovenskih goricah, Juršinci, Ptuj, Dornava, Gorišnica, Miklavž na Dravskem polju, Starše, Kidričevo, Hajdina, Markovci, Hoče-Slivnica, Rače-Fram, Zreče, Oplotnica, Slovenska Bistrica, Majšperk, Žetale, Podlehnik, Videm, Cirkulane, Zavrč, Vojnik, Slovenske Konjice, Poljčane, Makole, Šentjur, Šmarje pri Jelšah, Rogaška Slatina, Rogatec, Podčetrtek, Kozje and Bistrica ob Sotli.
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6. Spain

Extension of buffer zones of demarcated areas for containment of Portugal in the territory of Spain:

Number/ name of demarcated area (DA)	Zone of DA	Region	Municipalities or other administrative/geographic delimitations
1.	Buffer zone	Galicja Pontevedra province	A cañiza: Part of parish of Valeixe (Santa Cristina), Arbo: Parishes of Barcela (San Xoán) and Cequeliños (San Miguel), Part of parishes of Arbo (Santa María), Cabeiras (San Sebastián), Mourentán (San Cristovo) and Sela (Santa María), Crecente: Parishes of Albeos (San Xoán), Quintela (San Caetano) and Ribeira (Santa Mariña) Part of parishes of Crecente (San Pedro), O Freixo (San Roque), Sendelle (Santa Cruz) and Vilar (San Xorxe),

		Tomiño: Parishes of Amorín (San Xoán) and Currás (San Martiño). Part of parishes of Piñeiro (San Salvador), Sobrada (San Salvador) and Taborda (San Miguel), Tui: Parishes of Baldráns (Santiago), Caldelas de Tui (San Martiño), Paramos (San Xoán) and Tui (O Sagrario). Part of parishes of Areas (Santa Mariña), Guillarei (San Mamede), Pazos de Reis (O Sagrario), Pexegueiro (San Miguel), Randufe (Santa María da Guía) and Rebordáns (San Bartolomeu), As Neves: Parishes of As Neves (Santa María), Liñares (Santa María), Setados (Santa Euxenia) and Vide (Santa María). Part of parishes of Rubiós (San Xoán), San Cibrán de Ribarteme (San Cibrán), Santiago de Ribarteme (Santiago) and Tortoreos (Santiago), Salvaterra do Miño: Parishes of Arantei (San Pedro), Oleiros (Santa María) and Porto (San Paulo). Part of parishes of Alxén (San Paio), Cabreira (San Miguel), Fiolledo (San Paio), Meder (Santo Adrián), Pesqueiras (Santa Mariña) and Salvaterra (San Lourenzo), Salceda de Caselas: Part of parishes of Entenza (Santos Xusto e Pastor) and Soutelo (San Vicente).
	Galicia Orense Province	Padrenda: Part of parishes of Crespos (San Xoán), Desteriz (San Miguel), O Condado (Santa María) and Padrenda (San Cibrán).

Templates for reporting of the results of the annual surveys carried out pursuant to Article 6(b)

PART A

1. Template for the reporting of the results of annual surveys

1. Description of the Demarcated Area (DA)		2. Initial size of DA (ha)	3. Updated size of DA (ha)	4. Approach	5. Zone	6. Survey sites		7. Risk areas identified	8. Risk areas inspected	9. Plant material/Commodity	10. List of host plant species	11. Timing	12. Survey details										13. Number of symptomatic samples analysed				14. Number of asymptomatic samples analysed				15. Notification number of the outbreaks notified, as applicable, in accordance with Implementing Regulation (EU) 2019/1715		16. Comments
Name	Date of establishment					Description	Number						A	B	C	D	E	F	G	H	I	i											

2. Instructions on how to fill in the template

If this template is filled, the template in Part B of this Annex 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: Containment (C). 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: Infected zone (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(s), 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 the reporting of the results of statistically based annual surveys

[illegible]

2. Instructions on how to fill in the template

If this template is filled, the template in Part A of this Annex is not to be filled.

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: Containment (C). 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: Infected 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.
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