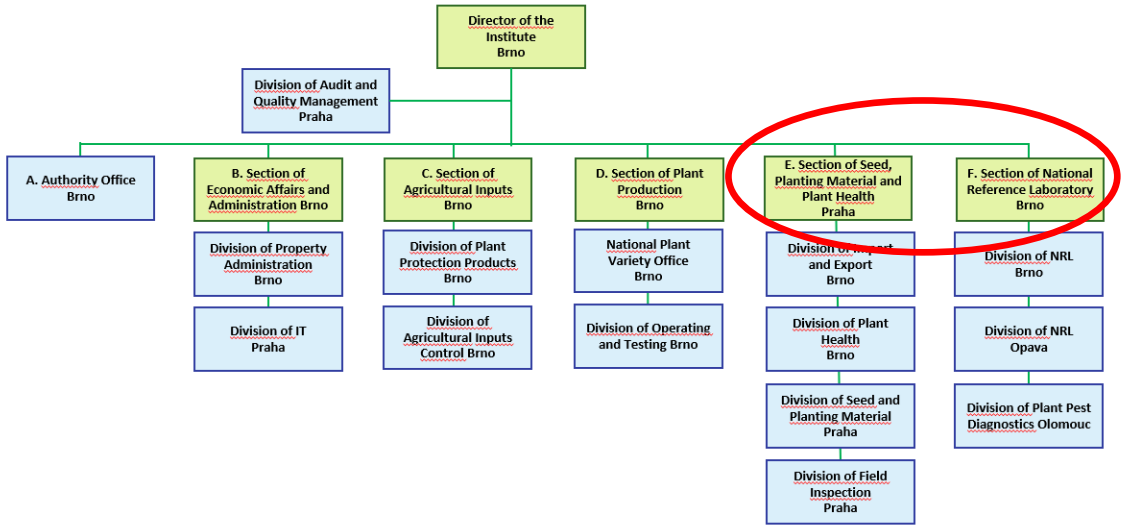
Central Institute for Supervising and Testing in Agriculture

Pest Reporting in the Czech Republic

Kateřina Jégrová, 10 November 2026
EPPO-NEPPO Workshop on Pest Reporting

Role of the Central Institute for Supervising and Testing in Agriculture as the NPPO of Czechia



The Institute is responsible for:

- **Planning and implementation of official plant health surveys**
- **Pest status determination and pest reporting**
- **Management of outbreaks, issuing of phytosanitary emergency measures**

Plant health activities cover both **agriculture and forestry** within a single organization. Plant health responsibilities are separate from veterinary services.

Two sections related to plant health surveys.

Role of the Central Institute for Supervising and Testing in Agriculture as the NPPO of Czechia/organization scheme

Section of Seed, Planting Material and Plant Health

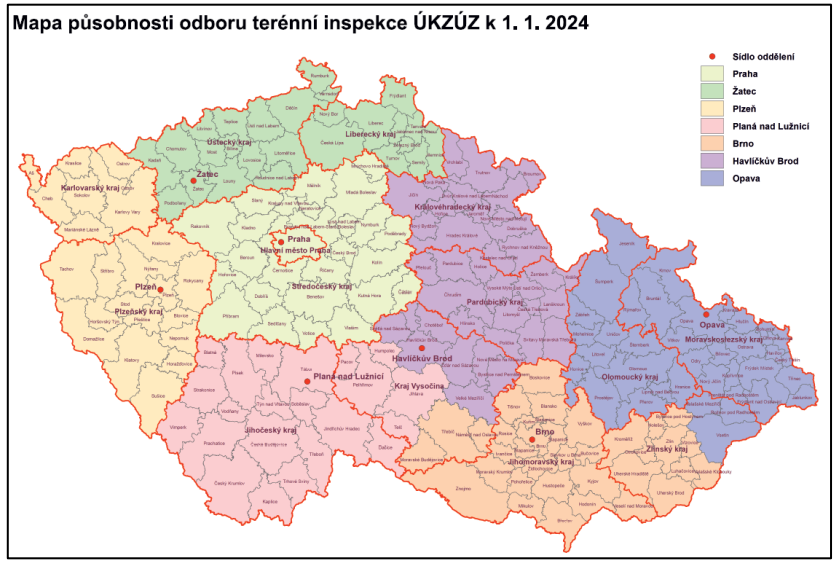
National Reference Laboratory

Division of Seed and Planting Material

Division of Import and Export

Division of Plant Health

Division of Field Inspection



- **Department of Phytosanitary Risk Management:** central coordination unit, responsible for survey planning, reporting, and pest status determination.
- **Department of Administrative Processes in Plant Protection:** issuing phytosanitary measures

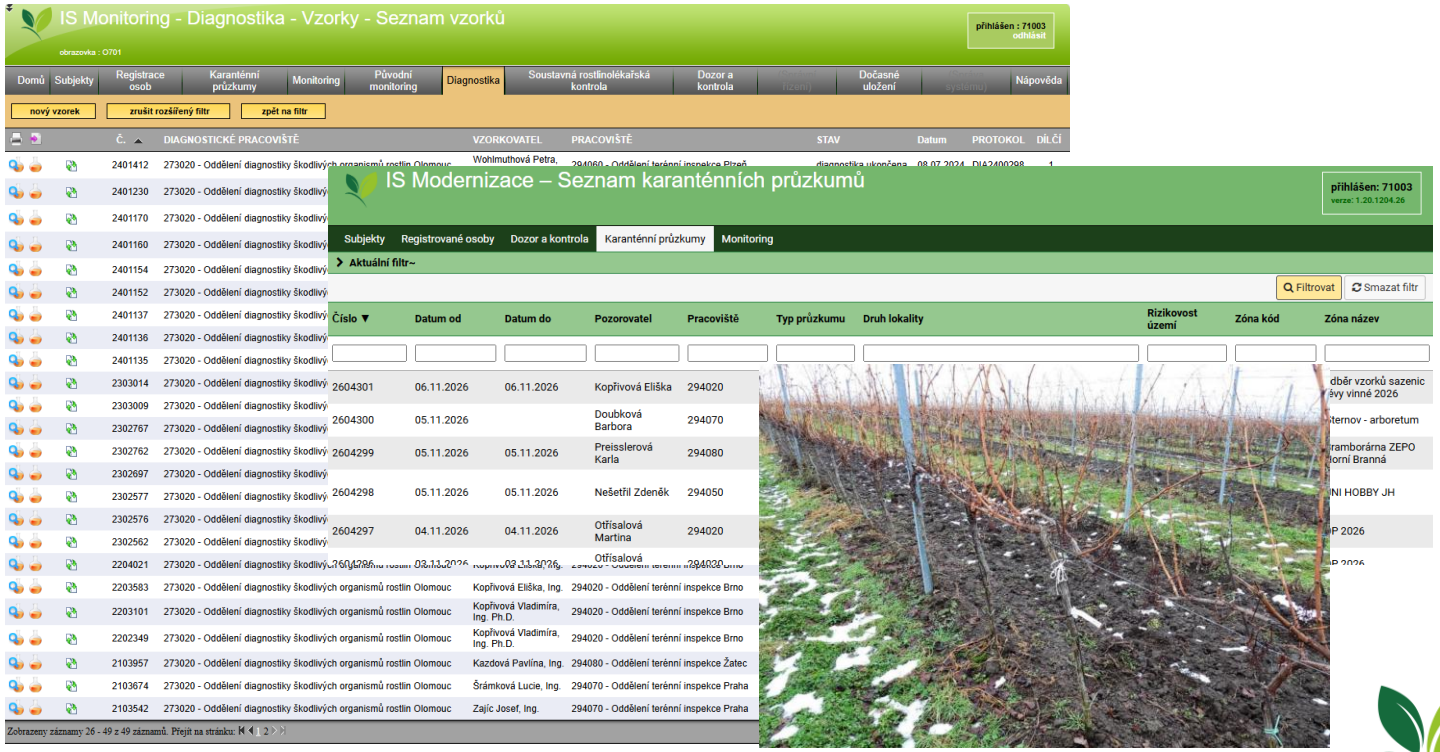
- **Seven regional inspectorates:** surveys and official controls

National Pest Reporting Workflow/From detection to official report

Detection

- Detection
- Laboratory confirmation
- Official investigation
- Record management
- Status determination and Reporting

- Example on Grapevine flavescence dorée phytoplasma
- Sample taken during the detection survey from *Vitis* in vineyard 8/9/2021
- All survey records and laboratory samples are recorded in national information systems.



National Pest Reporting Workflow/From detection to official report

Confirmation

- Detection
- **Laboratory confirmation**
- Official investigation
- Record management
- Status determination and Reporting

- **The first finding of Grapevine flavescence dorée phytoplasma** was identified by the NRL, and the result was confirmed by the European Union Reference Laboratory (EURL) for viruses, viroids and phytoplasmas at the National Institute of Biology (NIB), Slovenia.
- protocol also in National system

NIB FITO

SAMPLE REPORT	Identification: 02D-Vzo01-17 Degree of confidentiality: PT-Z Valid from: 6.5.2021

National Institute of Biology, Department of Biotechnology and Systems Biology, Večna pot 111, SI-1000 Ljubljana
Tel.: 059 232 800, Fax.: 01 25 738 47, email: labfito@nib.si

sample ID | report ID :

D1475/21

Customer's designation of the sample
2021/5815 (2103542)

Customer: **NRL-CZ**
///

Contract: **EURL-virology**

Ordered analysis:
sus: FD

Received **05.11.2021**
Start of the analysis **10.11.2021**
Concluded **15.11.2021**

Sample specifications
specimen **DNA**
type of sample **DNA**
deviations **DNA**

Analyses:

16SrV

ANG: Elm yellows group
SLO: fitoplazme iz skupine brestovih rumenic

Method	Result	Additional explanation	Comment
nested PCR	Pos	/	PCR FD9f5/MAPr1, nested PCR FD9f6/MAPr2
sequencing	Pos	/	Map FD3 cluster (FD pos)

ÚKZÚZ

ÚSTŘEDNÍ KONTROLNÍ A ZKUŠEBNÍ ÚSTAV ZEMĚDĚLSKÝ
Národní referenční laboratoř
Zkušební laboratoř č. 1071 akreditovaná ČIA podle ČSN EN ISO/IEC 17025:2018
Hroznová 63/2, 603 00 Brno
Odbor diagnostiky škodlivých organismů rostlin
Oddělení diagnostiky škodlivých organismů rostlin Olomouc
Šlechtitelů 773/23, 779 00 Olomouc

PROTOKOL O KONEČNÉM VÝSLEDKU ROZBORU VZORKU

Č.j.: UKZUZ 208381/2021

ilac-MRA L 1071

Číslo vzorku: 2103542

Identifikace vzorkovatele (1)
Vzorkovatel: Ing. Josef Zajíc
Pracoviště: Oddělení terénní inspekce Praha, Filipov 19, 28601 Čáslav

Údaje o odběru vzorku (1)
Datum odběru: 08.09.2021
Účel odběru: detekční průzkum
Metodika odběru (2): Metodický pokyn 2/A/OdŘFR - Postup při detekčním průzkumu výskytu regulovaných a dalších rizikových škodlivých organismů.
Číslo protokolu o odběru vzorku: DIA2100602
Subjekt: Vinařství Vinice-Hnanice s.r.o., nám. sv. Wolfganga 27, Hnanice, 66902
IČ (př. datum narození): 29373433
Provozovna: ---
Katastrální území: Oleksovičky
Lokalita pozemek: zemědělský pozemek č. 2509/3
Druh lokality: porosty určené k produkci ovoce, hroznů a chmele

Popis vzorku (1)
RL komodita: Vitis vinifera (réva vinná)
Odrůda: ---
Druh RL komodity: Rostlina - Neurčená k pěstování - větve s listy
Typ vzorku: Neuvedeno
Popis: ---
Číslo partie: ---

Údaje o výsledku rozboru vzorku
Škodlivý činitel: 'Candidatus Phytoplasma solani'
Výsledek (3): Pozitivní výsledek
Metoda (4): SOP-M-33 / Detekce a identifikace škodlivých organismů rostlin metodou konvenční PCR (a)
Metoda je v rozsahu akreditace
Poznámka: ---
Odpovědný diagnostik: Mgr. Šárka Linhartová, Ph.D.

Škodlivý činitel: Grapevine flavescence dorée phytoplasma
Výsledek (3): Pozitivní výsledek
Metoda (4): SOP-M-31 / Diagnostika vzorků metodou sekvenace nukleových kyselin (a)
Metoda je v rozsahu akreditace
Poznámka: Výsledek byl konfirmován v EURL pro viry, viroidy a fytoplazmy ve Slovinsku

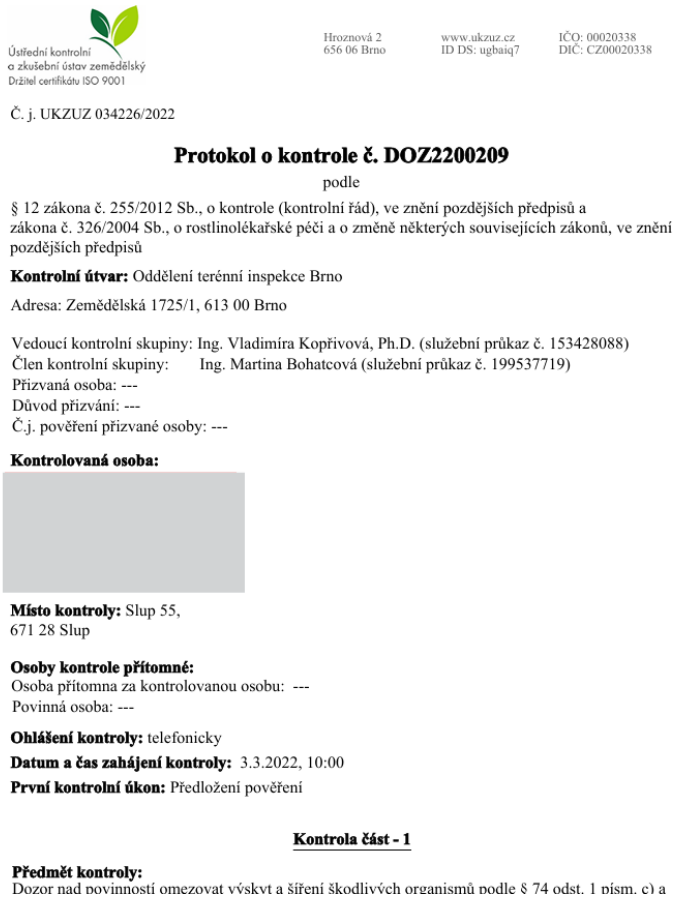
National Pest Reporting Workflow/From detection to official report

Official investigation

- Detection
- Laboratory confirmation
- **Official investigation**
- Record management
- Status determination and Reporting

Official inspections and controls:

- temporary phytosanitary measures
- delimiting survey
- trace-back investigation
- trace-forward investigation
- verification of host plants
- decision whether it is an outbreak or isolated finding (e.g. in trap) or interception, and whether demarcated area should be established
- establishment of demarcated area
- emergency phytosanitary measures
- survey in demarcated area or in buffer zone



Ústřední kontrolní a zkušební ústav zemědělský
Držitel certifikátu ISO 9001

Hroznová 2
656 06 Brno

www.ukzuz.cz
ID DS: ugbaiq7

IČO: 00020338
DIČ: CZ00020338

Č. j. UKZUZ 034226/2022

Protokol o kontrole č. DOZ2200209

podle

§ 12 zákona č. 255/2012 Sb., o kontrole (kontrolní řád), ve znění pozdějších předpisů a zákona č. 326/2004 Sb., o rostlinolékařské péči a o změně některých souvisejících zákonů, ve znění pozdějších předpisů

Kontrolní útvar: Oddělení terénní inspekce Brno

Adresa: Zemědělská 1725/1, 613 00 Brno

Vedoucí kontrolní skupiny: Ing. Vladimíra Kopřivová, Ph.D. (služební průkaz č. 153428088)
Člen kontrolní skupiny: Ing. Martina Bohatcová (služební průkaz č. 199537719)
Přizvaná osoba: ---
Důvod přizvání: ---
Č.j. pověření přizvané osoby: ---

Kontrolovaná osoba:

Místo kontroly: Slup 55,
671 28 Slup

Osoby kontrole přítomné:
Osoba přítomna za kontrolovanou osobu: ---
Povinná osoba: ---

Ohlášení kontroly: telefonicky
Datum a čas zahájení kontroly: 3.3.2022, 10:00
První kontrolní úkon: Předložení pověření

Kontrola část - 1

Předmět kontroly:
Dozor nad povinností omezovat výskyt a šíření škodlivých organismů podle § 74 odst. 1 písm. c) a

National Pest Reporting Workflow/From detection to official report

Record management

- Detection
- Laboratory confirmation
- Official investigation
- **Record management**
- Status determination and Reporting

- **Department of phytosanitary risk management** includes commodity specialists.
- Specialist collects all the data available and creates internal „Pest report“

Záznam o výskytu škodlivého organismu a přijatých fytosanitárních opatření

Vědecké jméno ŠO	Grapevine flavescence dorée phytoplasma, genotyp M51
České jméno ŠO	fytoplazmové zlaté žloutnutí révy
Taxonomické zařazení	Říše: Bakterie Čeleď: Acholeplasmataceae Rod: Phytoplasma
Fytosanitární regulace SO v ČR	Karanténní škodlivý organismus podle přílohy II části B písm. F bodu 1. PROVÁDĚCÍ NAŘÍZENÍ KOMISE (EU) 2019/2072)
Udaje o nálezu a určení ŠO	
Lokalizace nálezu (kraj, okres, katastr, popř. jiné upřesnění; přiložit mapku s vyznačením lokality)	Jihomoravský kraj, okres Znojmo, katastr Oleksovičky (obec Slup), zemědělský pozemek č. 2509/3, 12,5 ha Firma Vinařství Vinice-Hnanice s.r.o, nám. Sv. Wolfganga 27, Hnanice, 66902 *Modrý trojúhelník je místo odběru pozitivního vzorku.* 

National Pest Reporting Workflow/From detection to official report

Record management

- Detection
- Laboratory confirmation
- Official investigation
- **Record management**
- Status determination and Reporting

- Specialist also update our excel sheet with records of all outbreaks

status notifikace	č. notifikace EU	č. notifikace ČR	ŠO	katastr (LAU)	útvar inspekce	datum potvrzení diagnózy	prvo notifi (upda
aktivní	3627	51	**Ralstonia solanacearum**	Věkoše (Hradec Králové)	OdTI Havl. Brod	**29.09.2026**	08.10.20
aktivní	3626	50	**Ralstonia solanacearum**	Smiřice	OdTI Havl. Brod	**29.09.2026**	08.10.20
aktivní	3553	49	**Ralstonia solanacearum**	Lochenice	OdTI Havl. Brod	**30.07.2026**	10.08.20
aktivní	3267	48	**Synchytrium endobioticum**	Pokojov	OdTI Havl. Brod	**15.10.2025**	31.10.20
aktivní	3280	47	**Pochazia sp. (podezření na I**	Dobronín	OdTI Planá	**!21.8.2025 ur**	08.11.20
aktivní	3135	46	**Ralstonia solanacearum**	Krhovice	OdTI Brno	**28.07.2025**	06.08.20
aktivní	3099	45	**Ralstonia solanacearum**	Přerov nad Labem	OdTI Praha	**03.07.2025**	10.07.20
aktivní	3025	44	**Globodera rostochiensis**	Pacov	OdTI Planá	**10.03.2025**	19.03.20
aktivní	2944	43	**Candidatus Phytoplama pru**	Perná	OdTI Brno	**29.11.2024**	10.12.20
aktivní	2890	42	**Clavibacter sepedonicus**	Blatec	OdTI Opava	**24.10.2024**	05.11.20
neaktivní	2768	41	**GFDP**	Lhůta u Vysokého Mýta	OdTI Havl. Brod	**09.08.2024**	13.08.20
neaktivní	2767	40	**GFDP**	Lhota u Nečemic	OdTI Žatec	**09.08.2024**	13.08.20
aktivní	2769	39	**Globodera rostochiensis**	Horažďovice	OdTI Plzeň	**26.07.2024**	14.08.20
neaktivní	2766	38	**GFDP**	Kopidlno	OdTI Havl. Brod	**11.07.2024**	13.08.20
neaktivní	2765	37	**GFDP**	Vranovice (Vranovice-Kelčice	OdTI Brno	**11.07.2024**	13.08.20
neaktivní	2764	36	**GFDP**	Jindřichův Hradec	OdTI Planá	**11.07.2024**	13.08.20
neaktivní	2763	35	**GFDP**	Děčín	OdTI Žatec	**11.07.2024**	13.08.20
neaktivní	2762	34	**GFDP**	Černá Pole 4	OdTI Brno	**08.07.2024**	13.08.20
neaktivní	2761	33	**GFDP**	Dobřejovice u Hosína	OdTI Planá	**26.06.2024**	13.08.20
neaktivní	2760	32	**GFDP**	Nový Jičín-Dolní Předměstí	OdTI Opava	**26.06.2024**	13.08.20
neaktivní	2759	31	**GFDP**	Velim	OdTI Praha	**26.06.2024**	13.08.20
neaktivní	2758	30	**GFDP**	Nýřany	OdTI Plzeň	**23.07.2024**	13.08.20
aktivní	2673	29	**Ralstonia solanacearum**	Předměřice nad Labem	OdTI Havl. Brod	**10.07.2024**	22.07.20
aktivní	2528	28	**ToBRFV**	Smržice	OdTI Opava	**12.02.2024**	23.02.20
aktivní	2497	27	**ToBRFV**	Svijanský Újezd	OdTI Žatec	**08.01.2024**	17.01.20
aktivní	2496	26	**ToBRFV**	Velké pavlovice	OdTI Brno	**08.01.2024**	17.01.20
aktivní	2486	25	**ToBRFV**	Nová Paka	OdTI Havl. Brod	**20.12.2023**	04.01.20
aktivní	2469	24	**ToBRFV**	Březce	OdTI Opava	**13.12.2023**	19.12.20
aktivní	2254	23	**Globodera rostochiensis**	Volavá Lhota (Vlastějovice)	OdTI Praha	**06.04.2023**	08.08.20
aktivní	2041	22	**ToBRFV**	Přovice/Štěpánov	OdTI Opava	**25.11.2022**	06.12.20
aktivní	1901	21	**Ralstonia solanacearum**	Staré Ždánice	OdTI Havl. Brod	**11.08.2022**	06.09.20

National Pest Reporting Workflow/From detection to official report
Status determination and Reporting

- Detection
- Laboratory confirmation
- Official investigation
- Record management
- **Status determination and Reporting**

- **Evidence used for pest status determination**: survey results, laboratory confirmations, official investigations, previous records, eradication measures, expert judgement
- **8 working days to send notification about the outbreak in EUROPHYT-Outbreaks to European Comission and other member states**

NOTIFICATION OF THE PRESENCE OF A PEST TO THE COMMISSION AND TO OTHER MEMBER STATES — *Outbreak No.* 1655

Member State:	*2.1 - Notification from:*	*2.2 - Official contact:*
CZ - CZECH REPUBLIC	CENTRAL INSTITUTE FOR SUPERVISING AND TESTING IN AGRICULTURE	JAKUB BERÁNEK jakub.beranek@ukzuz.cz +420 545 110 456

Initial Notification date:	*National reference number:*
2021-11-29	CZ/UKZUZ/2021/14
	Update No. & Date: 01/2021-12-21

1 - General Information

1.1 - Details of the identity of the pest

1.1.1 - Title:
Update no 1. First Presence (confirmed) of Grapevine flavescence dorée phytoplasma in CZECH REPUBLIC (Slup)

1.1.2 - Scientific name of the pest:	*1.1.3 - EPPO preferred name:*
Grapevine flavescence dorée phytoplasma	Grapevine flavescence dorée phytoplasma
1.1.4 - EU category of pest:	*1.1.5 - EPPO category of pest:*
Annex II B	A2 list

Further information:

1.2 - Executive summary

1.2.1 - Short summary of the information submitted in points 3-7:
Grapevine flavescence dorée phytoplasma (GFDP) is for the first time reported from Czechia. The finding is located in the wine growing region of Moravia, in a distance of ca 2,5 km from the border with Austria. The main vector Scaphoideus titanus is known to occur in the area. The finding is a result of the official survey carried out in a conventional vineyard. A sample was taken from one grapevine plant showing suspicious symptoms and tested positive for GFDP. The positive result obtained by the Czech National reference laboratory has been confirmed in an EURL, the National Institute of Biology, Slovenia. Eradication measures will be taken.

1.2.2 - Summary of information provided in this update:
Provision of additional information: molecular method; the name of the vector in the area.
Corrections in the pest status specifications in 4.2-4.4. but the principal status has remained changed.

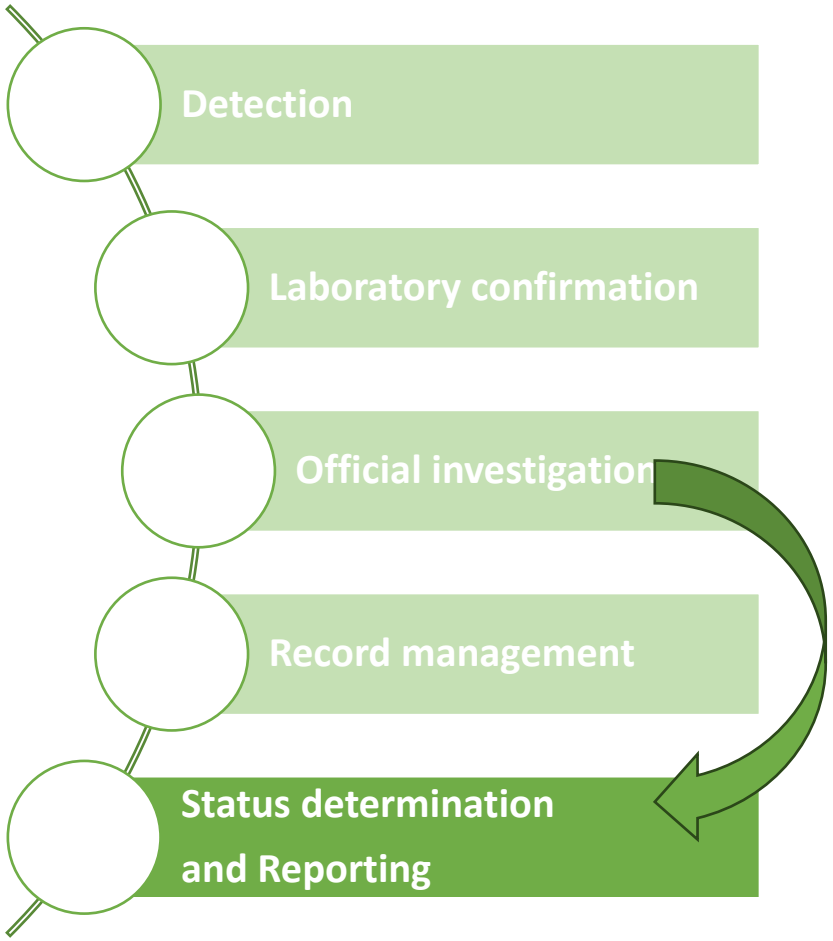
1.2.3 - Reason for exceeding the 8 working day deadline from after official confirmation of the presence of a pest to notification (Article 32.1 of Regulation (EU) 2019/1715):

1.3 - Type of presence reported:
Presence (confirmed)

3 - Location of presence of pest

APPROVED

National Pest Reporting Workflow/From detection to official report
Updating of notification/closing



- The process is the same, all new information are collected: new positive findings, change to eradication measures, surveys in demarcated area, change to the demarcated area..
- In case of outbreaks of GFDP the updates are done once a year
- If needed - change to the pest status, closing of the notification

NOTIFICATION OF THE PRESENCE OF A PEST TO THE COMMISSION AND TO OTHER MEMBER STATES	Outbreak No. 1655

Member State:	2.1 - Notification from:	2.2 - Official contact:
CZ - CZECHIA	CENTRAL INSTITUTE FOR SUPERVISING AND TESTING IN AGRICULTURE	JAKUB BERÁNEK jakub.beranek@ukzuz.cz +420 545 110 456

Initial Notification date:	National reference number:
2021-11-29 00:00:00	CZ/UKZUZ/2021/14 Update No. & Date: 02/2025-03-04

1 - General Information

1.1 - Details of the identity of the pest

1.1.1 - Title:
Closing_Update no 2. First Presence (confirmed) of Grapevine flavescence dorée phytoplasma in CZECHIA (Slup)

1.1.2 - Scientific name of the pest:	1.1.3 - EPPO preferred name:
Grapevine flavescence dorée phytoplasma	Grapevine flavescence dorée phytoplasma

1.1.4 - EU category of pest:	1.1.5 - EPPO category of pest:
Annex II B	A2 list

Further information:

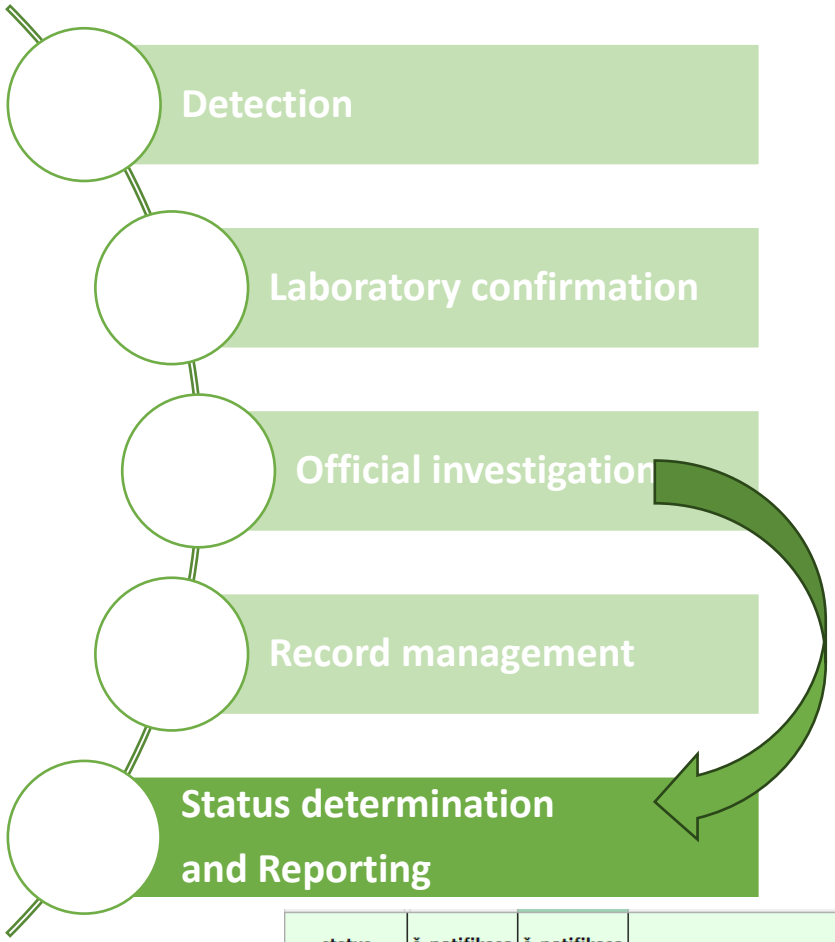
1.2 - Executive summary

1.2.1 - Short summary of the information submitted in points 3-7:

Grapevine flavescence dorée phytoplasma (GFDP) is for the first time reported from Czechia. The finding is located in the wine growing region of Moravia, in a distance of ca 2,5 km from the border with Austria. The main vector Scaphoideus titanus is known to occur in the area. The finding is a result of the official survey carried out in a conventional vineyard. A sample was taken from one grapevine plant showing suspicious symptoms and tested positive for GFDP. The positive result obtained by the Czech National reference laboratory has been confirmed in an EURL, the National Institute of Biology, Slovenia. Eradication measures will be taken.

National Pest Reporting Workflow/From detection to official report

Updating of notification/closing



	First notification (GFDP first finding)	Closing notification
date	29 November 2021	4 April 2025
PEST STATUS **of the AREA** where the pest has been found to be present, AFTER the OFFICIAL CONFIRMATION	Present: • Under eradication • Only in specific parts of the area concerned	Absent: • Pest found present but eradicated
PEST STATUS **in the MEMBER STATE** concerned **AFTER the OFFICIAL CONFIRMATION** of the presence of the pest.	Present: • under eradication • in specific parts of the Member State, where host crop(s) are grown	Present: • under eradication • in specific parts of the Member State, where host crop(s) are grown

status notifikace	č. notifikace EU	č. notifikace ČR	ŠO	katastr (LAU)	útvar inspekce	datum potvrzení diagnózy	prvotní notifikace (update 0)	MRO	update 1 (popř. včetně kompletace)	update 2	update 3
aktivní	1684	16	GFDP	Bulhary	OdTI Praha/Brno	07.12.2021	16.12.2021	trvá	28.12.2021	18.07.2025	
aktivní	1672	15	GFDP	Bavory/Perná	OdTI Praha/Brno	01.12.2021	08.12.2021	trvá	28.12.2021	18.07.2025	
neaktivní	1655	14	GFDP	Oleksovičky/Slup	OdTI Praha/Brno	22.11.2021	29.11.2021	zrušeno	21.12.2021	04.03.2025 UZAVŘENO	

EPPO Reporting Service and distribution maps (EPPO GD)

- Certain data from EUROPHYT-Outbreaks notifications are submitted to EPPO and published in the EPPO Global Database (including EPPO Reporting Service). LINK

EPPO Global Database

Search by name or EPPO Code... Go!

advanced search...

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EPPO Reporting Service no. 01 - 2022 Num. article: 2022/015

First report of Grapevine flavescence dorée phytoplasma in the Czech Republic

The NPPO of the Czech Republic recently informed the EPPO Secretariat of the first report of Grapevine flavescence dorée phytoplasma (EPPO A2 List) on its territory. The phytoplasma was detected as part of an official survey in the region of South Moravia. It was first detected in the municipality of Slup, close to the border with Austria. A sample was taken from one grapevine (*Vitis vinifera*) plant showing suspicious symptoms in a conventional vineyard in September 2021. This was the only symptomatic plant in the vineyard. The identity of the pathogen was confirmed by the Czech National Reference Laboratory and the EU Reference Laboratory for viruses, viroids and phytoplasmas. The plant tested positive for both Grapevine flavescence dorée phytoplasma and *Phytoplasma solani* (EPPO A2 List). The main vector of Grapevine flavescence dorée phytoplasma, *Scaphoideus titanus*, is known to occur in the area.

The pathogen was also found in one *Clematis vitalba* plant that was growing at the margin of a conventional vineyard in the municipality of Perná, as well as in one *C. vitalba* plant found close to a vineyard in the municipality of Bulhary. Five plants of *V. vinifera* growing in the vineyards were sampled at the same time. They showed symptoms such as lightening and/or distorted leaves, but all tested negative for Grapevine flavescence dorée phytoplasma.

Eradication measures are taken in the 3 sites where the phytoplasma was detected.

The pest status of Grapevine flavescence dorée phytoplasma in the Czech Republic is officially declared as: **Present, under eradication, only in some parts of the Member State concerned.**

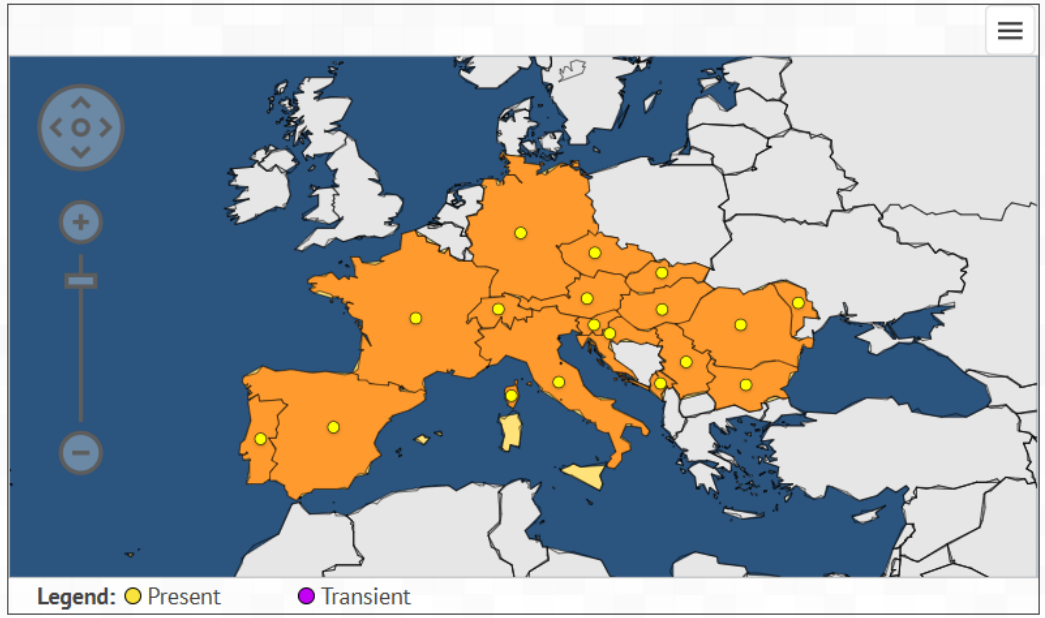
Sources

NPPO of the Czech Republic (2021-12).

GFDP

Distribution

Last updated: 2026-10-01



Distribution details in Czechia

Situation

Current pest situation evaluated by EPPO on the basis of information dated 2024: **Present, restricted distribution**

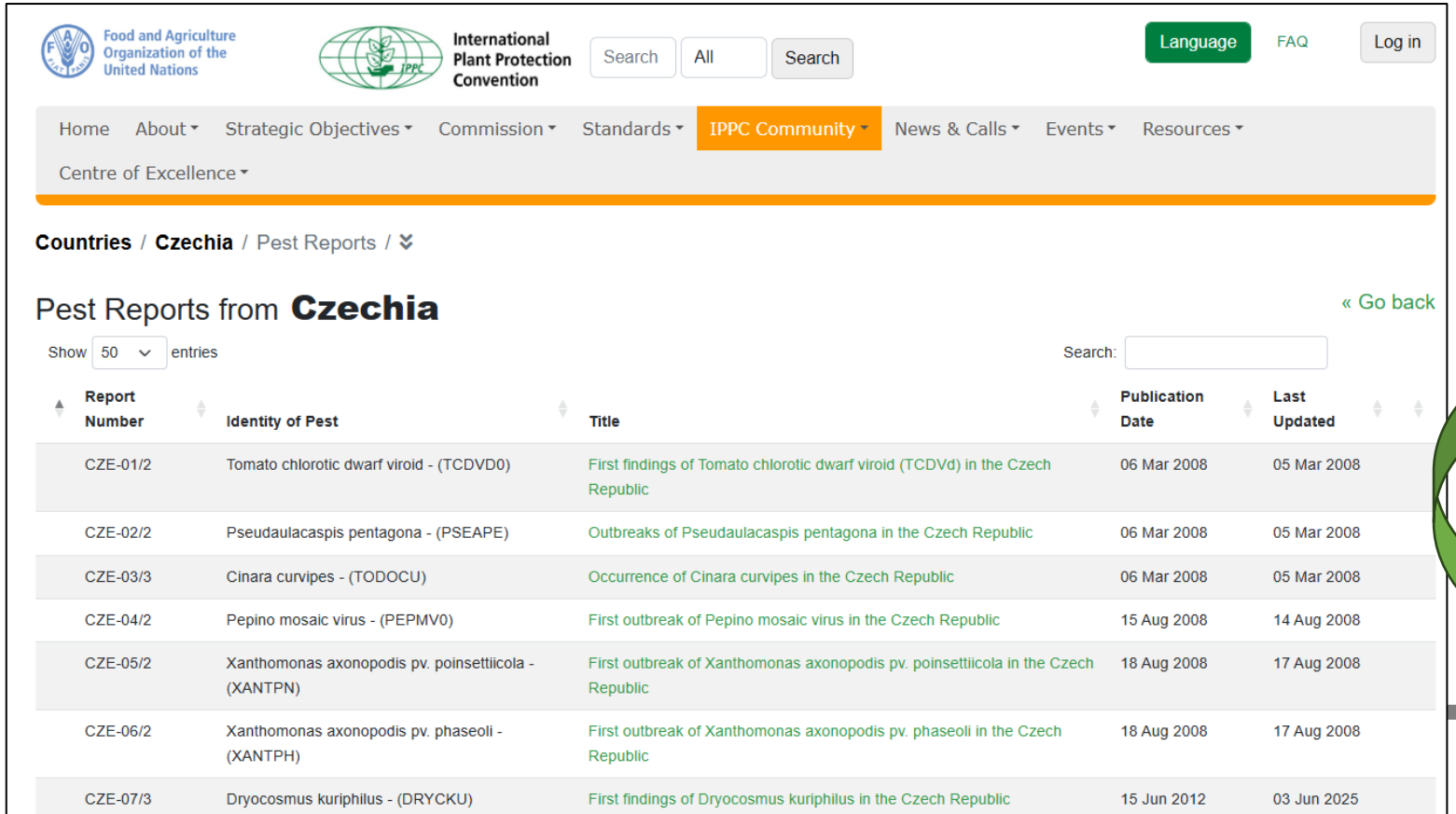
First recorded in: 2021

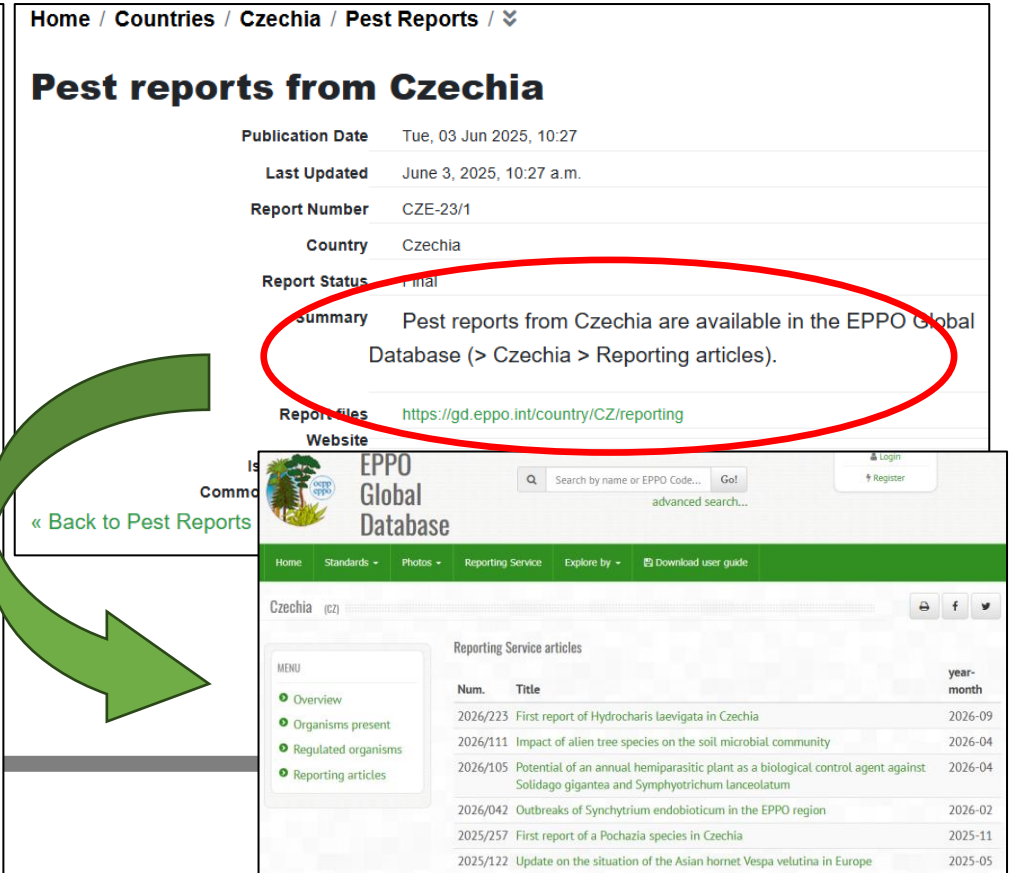
Pest status declared by NPPO: Present, under eradication, only in some parts of the Member State concerned (2021-12)

From CABI Disease map 764 (2023): Present, restricted distribution

Official Pest Reporting and Information Dissemination

- As a member state of European Union, we have to report to: European Commission, Other Member states, EPPO, IPPC
- **Pest reports are also available through the IPPC reporting platform**, where Czechia previously published individual reports.
- Since 2025, individual pest reports have no longer been published on the IPPC platform; users are directed to the EPPO Reporting Service instead.
- The linked EPPO Global Database provides access to Czech pest reports + pest status information.

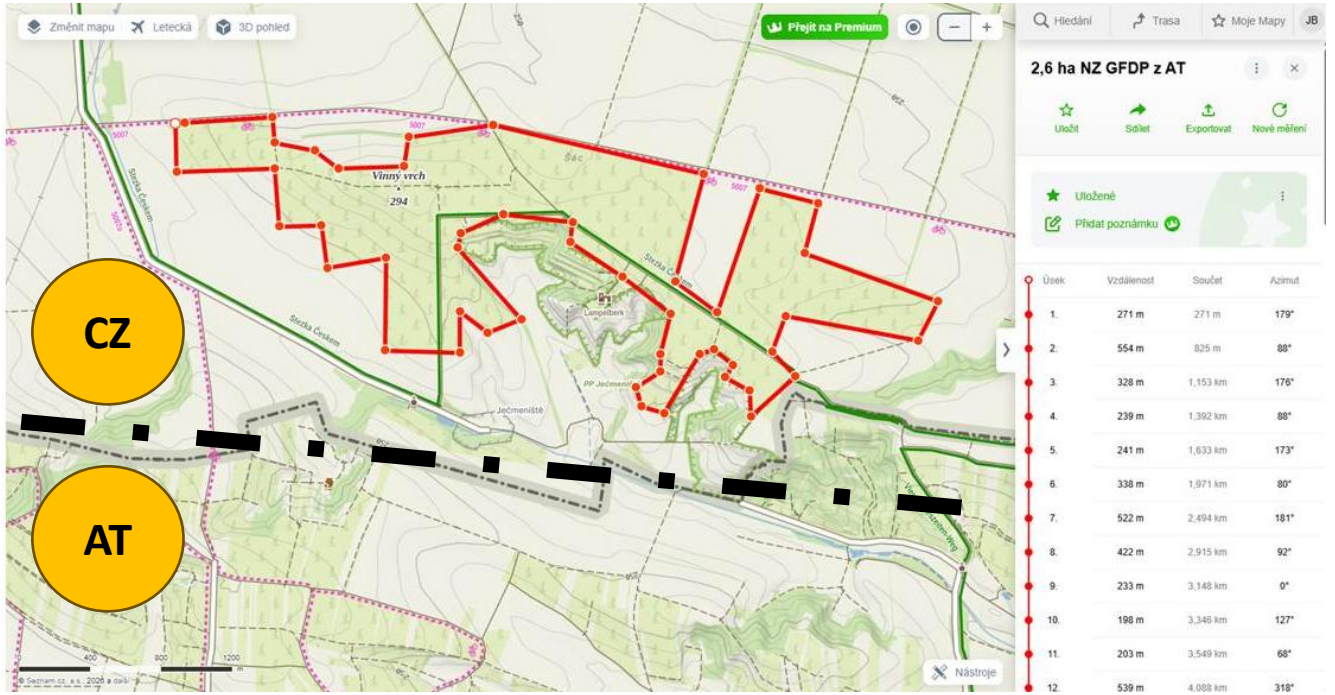




Cooperation with other countries

- We receive EUROPHYT notifications by e-mail, which enables us to follow pest outbreaks and new findings reported by other countries.
- Neighbouring Member States also contact each other directly when coordination or information exchange is needed, particularly in cross-border cases – Austria informed us about a finding of GFDP near the Czech border, where the demarcated area extended into Czech territory.





Challenges ?

- We consider the category “transient” to be the least clear and, in our opinion, it is sometimes used inconsistently in the EU, including cases where the pest is evidently present.
- The pest status categories currently used in EUROPHYT and the underlying IMSOC Regulation would benefit from an update to better align with the revised ISPM 8 terminology.

ISPM 8

Pest status	Pest status
Absent: pest not recorded	Present: widely distributed
Absent: the entire country is pest free	Present: not widely distributed and not under official control
Absent: pest records invalid	Present: not widely distributed and under official control
Absent: pest no longer present	Present: at low prevalence
	Present: except in specified pest free areas
Absent: pest eradicated	Present: transient

IMSOC Regulation

4.2. Pest status of the area ([5]) in which the pest has been found, after official confirmation following:

(1) present in all parts of the area;

(2) present only in specific parts of the area;

(3) present in specific parts of the area where host plants are not grown;

(4) present: under eradication;

(5) present: under containment;

(6) present: at low prevalence;

(7) absent: pest found but eradicated;

(8) absent: pest found but no longer present for reasons other than eradication;

(9) transient (the presence of the pest is not expected to lead to establishment): non-actionable;

(10) transient: actionable, under surveillance;

(11) transient: actionable, under eradication;

(12) other.

CONTACT

Kateřina Jégrová

Department of Phytosanitary Risk Management

ÚKZÚZ

E-mail: katerina.jegrova@ukzuz.gov.cz

Websites: www.ukzuz.gov.cz

Phone: (+420) 724 052 039

Address: Zemědělská 1a, 613 00 Brno, CZ

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Thank you for your attention.