

**Phytosanitary Import Requirements
based on Pest Risk Analysis**

Session 2: Pest Risk Analysis Case Studies

3 March 2021

***Delivered by: Professor Rob Black, ADB Consultant/Plant Health Expert
Mr. David McKellar, ADB Consultant/Plant Health Expert***

Зараркунандаларга оид хавфни таҳлил қилишга асосланган импортга нисбатан фитосанитария талаблари

Сессия 2: Зараркунандаларга оид хавфни таҳлил қилиш бўйича амалий тадқиқотлар

2021 йил 3 март

Тақдимотчи: Профессор Роб Блэк, ОТБ консултанти/Ўсимликлар муҳофазаси бўйича мутахассис

Давид Мак-Келлар, ОТБ консултанти/Ўсимликлар муҳофазаси бўйича мутахассис

The virtual training seminars for the State Plant Quarantine Inspection, Scientific Center and private sector are supported by [KSTA 9500-REG: Modernizing Sanitary and Phytosanitary Measures to Facilitate Trade](#), co-funded by the People's Republic of China Poverty Reduction and Regional Cooperation Fund and Regional Cooperation and Integration Fund.

Ўсимликлар карантини бўйича давлат инспекцияси, Илмий марказ ва хусусий сектор учун виртуал ўқув семинарлари Хитой Халқ Республикасининг Камбағалликни камайтириш ва минтақавий ҳамкорлик жамғармаси ҳамда Минтақавий ҳамкорлик ва интеграция жамғармаси томонидан молиялаштирилган «КСТА 9500-РЕГ: Савдони ривожлантириш учун санитария ва фитосанитария тадбирларини модернизация қилиш» лойиҳаси томонидан қўллаб қувватланади.

Outline

- Protecting Uzbekistan Agriculture Industries
- *Spodoptera litura*
- *Ceratocystis fimbriata*
- *Cherry rasp leaf virus*
- *Aonidiella citrina*

Мундарижа

- Ўзбекистон қишлоқ хўжалигини
ҳимоялаш
- *Spodoptera litura*
- *Ceratocystis fimbriata*
- *Гилос барги вирус*
- *Aonidiella citrina*

Major Crops of Uzbekistan

Examples:

Wheat	Potato
Tomato	Carrot
Watermelon	Grape
Cotton	Cherry

EPPO information on plant species:

Example: Cotton (*Gossypium hirsutum*)

(<https://gd.eppo.int/taxon/GOSHI>)

Ўзбекистондаги асосий экинлар

Мисоллар:

Буғдой	Картошка
Помидор	Сабзи
Тарвуз	Узум
Пахта	Гилос

Ўсимлик турлари бўйича EPPO маълумотлари:

Мисол: Cotton (*Gossypium hirsutum*)

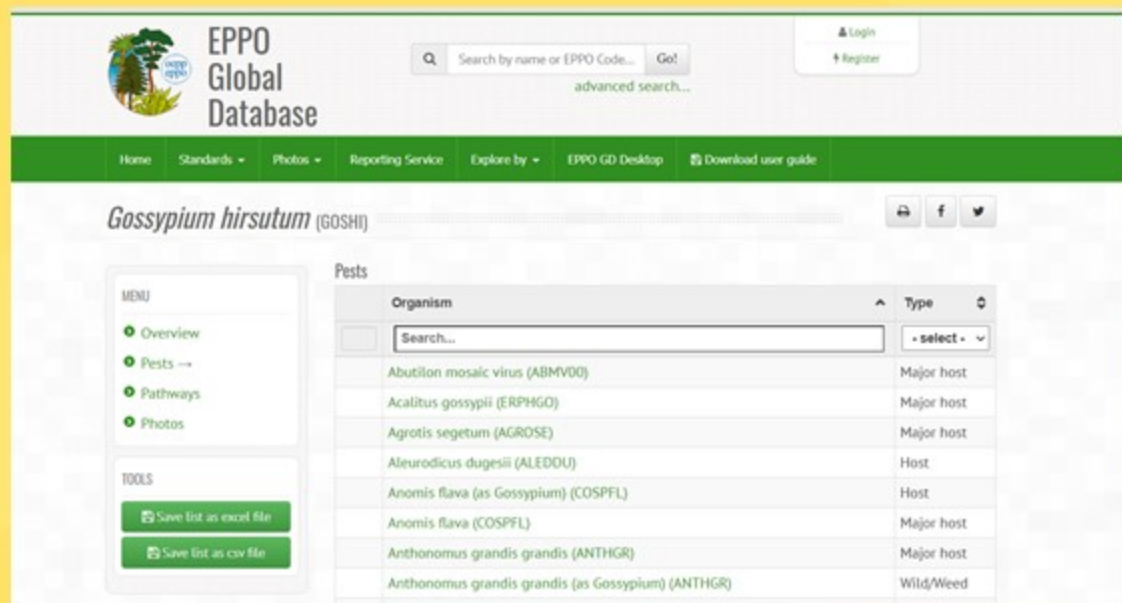
(<https://gd.eppo.int/taxon/GOSHI>)

Associated Global Pests

Дунё миқёсида мавжуд зараркунандалар

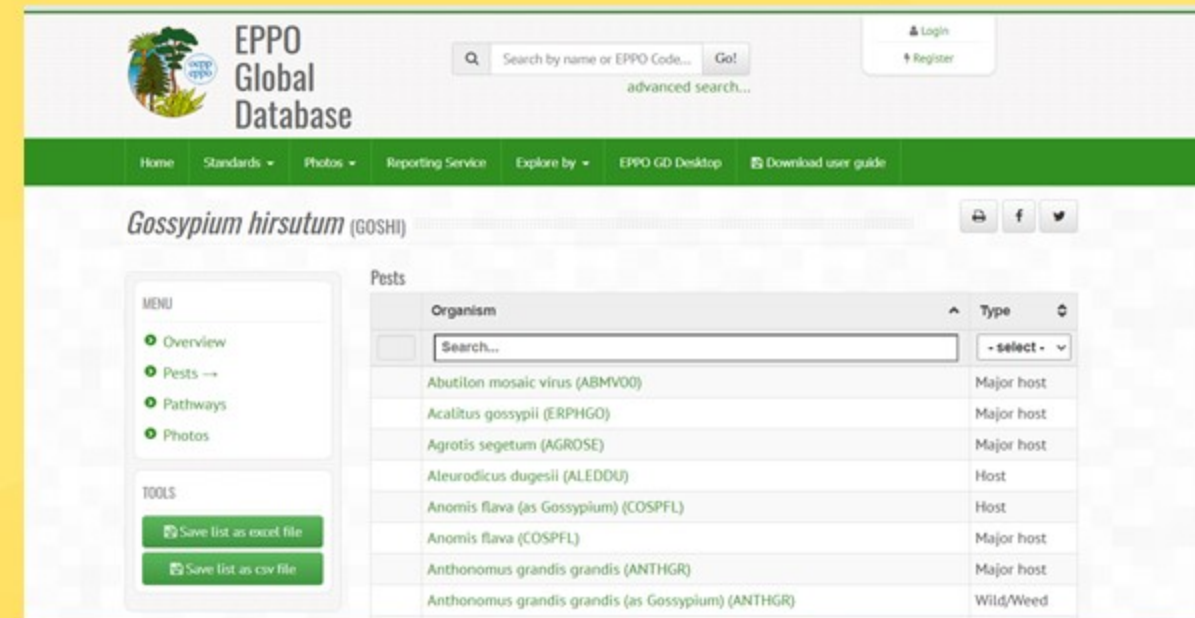
Pests of Cotton (*Gossypium hirsutum*)
(<https://gd.eppo.int/taxon/GOSHI/pests>)

Пахта зараркунандалари (*Gossypium hirsutum*)
(<https://gd.eppo.int/taxon/GOSHI/pests>)



The screenshot shows the EPPO Global Database interface for *Gossypium hirsutum* (GOSHI). The page features a search bar, navigation menu, and a table of associated pests. The table includes columns for the pest name and its type.

Organism	Type
Abutilon mosaic virus (ABMV00)	Major host
Acalitus gossypii (ERPHGO)	Major host
Agrotis segetum (AGROSE)	Major host
Aleurodicus dugesii (ALEDDU)	Host
Anomis flava (as Gossypium) (COSPFL)	Host
Anomis flava (COSPFL)	Major host
Anthonomus grandis grandis (ANTHGR)	Major host
Anthonomus grandis grandis (as Gossypium) (ANTHGR)	Wild/Weed



The screenshot shows the EPPO Global Database interface for *Gossypium hirsutum* (GOSHI). The page features a search bar, navigation menu, and a table of associated pests. The table includes columns for the pest name and its type.

Organism	Type
Abutilon mosaic virus (ABMV00)	Major host
Acalitus gossypii (ERPHGO)	Major host
Agrotis segetum (AGROSE)	Major host
Aleurodicus dugesii (ALEDDU)	Host
Anomis flava (as Gossypium) (COSPFL)	Host
Anomis flava (COSPFL)	Major host
Anthonomus grandis grandis (ANTHGR)	Major host
Anthonomus grandis grandis (as Gossypium) (ANTHGR)	Wild/Weed

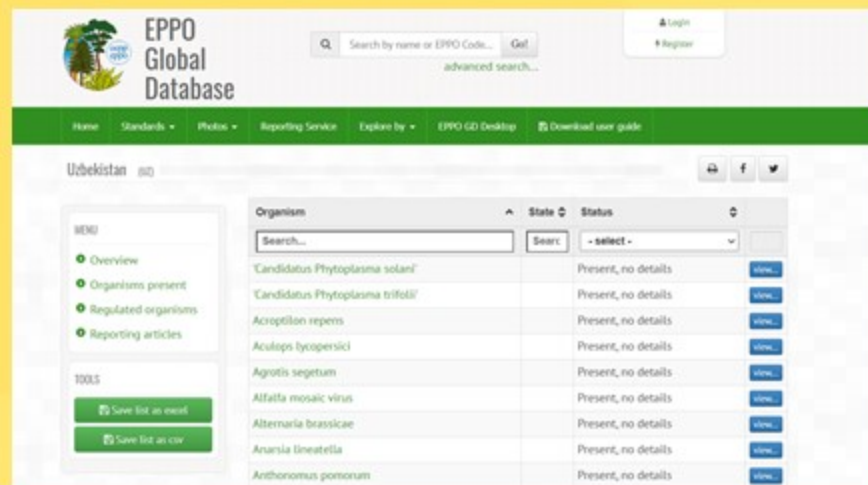
Example: *Spodoptera litura*
(<https://gd.eppo.int/taxon/PRODLI>)

Мисол: *Spodoptera litura*
(<https://gd.eppo.int/taxon/PRODLI>)

Pests Present in Uzbekistan

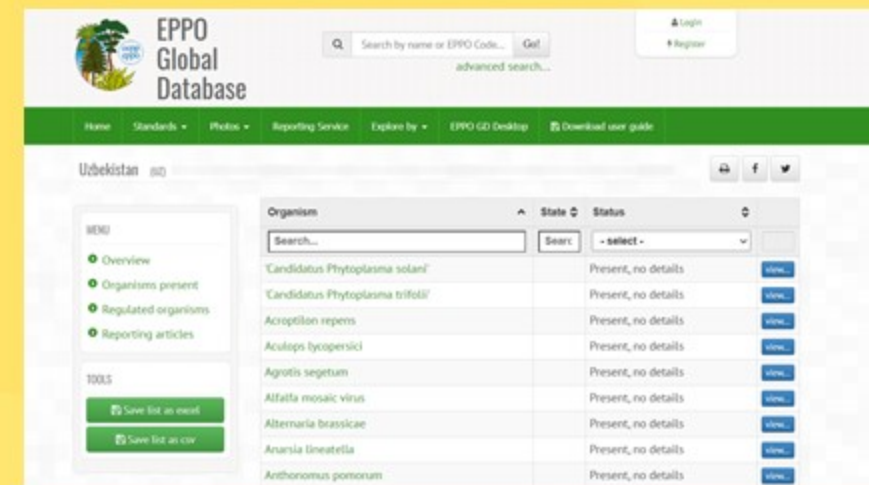
Ўзбекистонда мавжуд ҳашаротлар

(<https://gd.eppo.int/country/UZ/organisms>)



Organism	State	Status
Candidatus Phytoplasma solani		Present, no details
Candidatus Phytoplasma trifolii		Present, no details
Acroptilon repens		Present, no details
Aculops lycopersici		Present, no details
Agrotis segetum		Present, no details
Alfalfa mosaic virus		Present, no details
Alternaria brassicae		Present, no details
Anarsia lineatella		Present, no details
Anthonomus pomorum		Present, no details

(<https://gd.eppo.int/country/UZ/organisms>)



Organism	State	Status
Candidatus Phytoplasma solani		Present, no details
Candidatus Phytoplasma trifolii		Present, no details
Acroptilon repens		Present, no details
Aculops lycopersici		Present, no details
Agrotis segetum		Present, no details
Alfalfa mosaic virus		Present, no details
Alternaria brassicae		Present, no details
Anarsia lineatella		Present, no details
Anthonomus pomorum		Present, no details

- We will look at other crops that *Spodoptera litura* could infect in Uzbekistan.

- Биз Ўзбекистонда *Spodoptera litura* зарар етказиши мумкин бўлган бошқа экинларга эътиборни қаратамиз.

(<https://gd.eppo.int/taxon/PRODLI/hosts>)

(<https://gd.eppo.int/taxon/PRODLI/hosts>)

Other Host Plants

Examples of other host plants for *Spodoptera litura*:

(<https://gd.eppo.int/taxon/PRODLI/hosts>)

Potato *Solanum tuberosum*

Tomato *Solanum lycopersicum*

Other information sources:

(<https://planthealthportal.defra.gov.uk/data/pests/17873/data>)

Grape *Vitis*

EPPO Reporting Service:

https://www.eppo.int/ACTIVITIES/plant_quarantine/alert_list

Бошқа зарарланувчи ўсимликлар

Spodoptera litura юқиши мумкин бўлган бошқа

экинларга мисоллар: (<https://gd.eppo.int/taxon/PRODLI/hosts>)

Картошка *Solanum tuberosum*

Помидор *Solanum lycopersicum*

Бошқа ахборот манбалари:

(<https://planthealthportal.defra.gov.uk/data/pests/17873/data>)

Узум *Vitis*

EPPO ҳисобот хизмати:

https://www.eppo.int/ACTIVITIES/plant_quarantine/alert_list

Spodoptera litura

Background information sources that can use for the analysis include:

- EPPO Global Database

<https://gd.eppo.int/taxon/PRODLI>

- CABI Invasive Species Compendium

<https://www.cabi.org/isc/datasheet/44520>

- CABI Plantwise Knowledge Bank

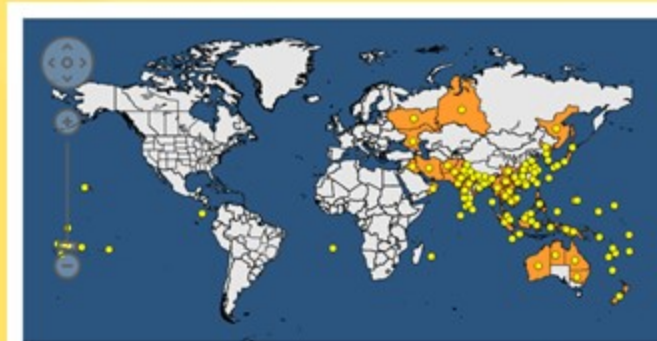
<https://www.plantwise.org/KnowledgeBank/>

- UK Plant Health Information Portal

<https://planthealthportal.defra.gov.uk/>

- EFSA Journal

<https://efsa.onlinelibrary.wiley.com/doi/10.2903/j.efsa.2019.5765>



Spodoptera litura

Таҳлил қилиш учун фойдаланиладиган ахборот манбалари қуйидагиларни ўз ичига олади:

- EPPO Global Database

<https://gd.eppo.int/taxon/PRODLI>

- CABI Инвазив турлари тўплами

<https://www.cabi.org/isc/datasheet/44520>

- CABI Ўсимликлар ҳақида билимлар банки (Plantwise Knowledge Bank)

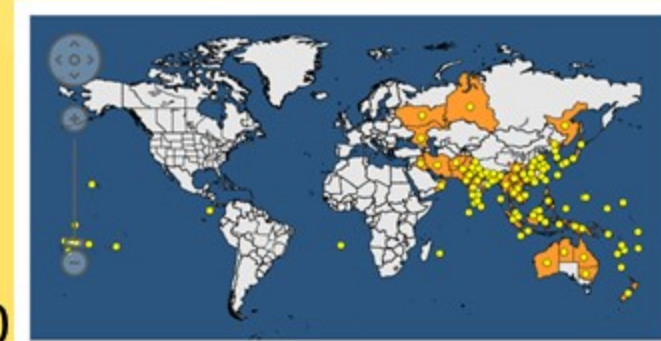
<https://www.plantwise.org/KnowledgeBank/>

- Буюк Британия Ўсимликлар муҳофазаси тўғрисида маълумотлар портали

<https://planthealthportal.defra.gov.uk/>

- EFSA журнали

<https://efsa.onlinelibrary.wiley.com/doi/10.2903/j.efsa.2019.5765>



Spodoptera litura

Stage 1: Initiation

1. What is the name of the pest?

Scientific name: *Spodoptera litura*

Taxonomic position: Lepidoptera; Noctuidae, Spodoptera

Common name: Taro caterpillar

(<https://www.cabi.org/isc/datasheet/44520#toidentity>)

2. What is the pest's status in the lists of EPPO?

(<https://gd.eppo.int/taxon/PRODLI/categorization>)

3. What is the reason for the rapid assessment?

Answer:

8

Spodoptera litura

Босқич 1: Бошлаш

1. Зараркунанданинг номи нима?

Илмий номи: *Spodoptera litura*

Таксономияси: Lepidoptera; Noctuidae, Spodoptera

Оммабоп номи: Таро қурти

(<https://www.cabi.org/isc/datasheet/44520#toidentity>)

2. EPPO рўйхатида ушбу зараркунанда қандай белгиланган? (<https://gd.eppo.int/taxon/PRODLI/categorization>)

3. Тезкор баҳолашнинг сабаби нима?

Жавоб:

8

Spodoptera litura

Stage 2: Risk Assessment

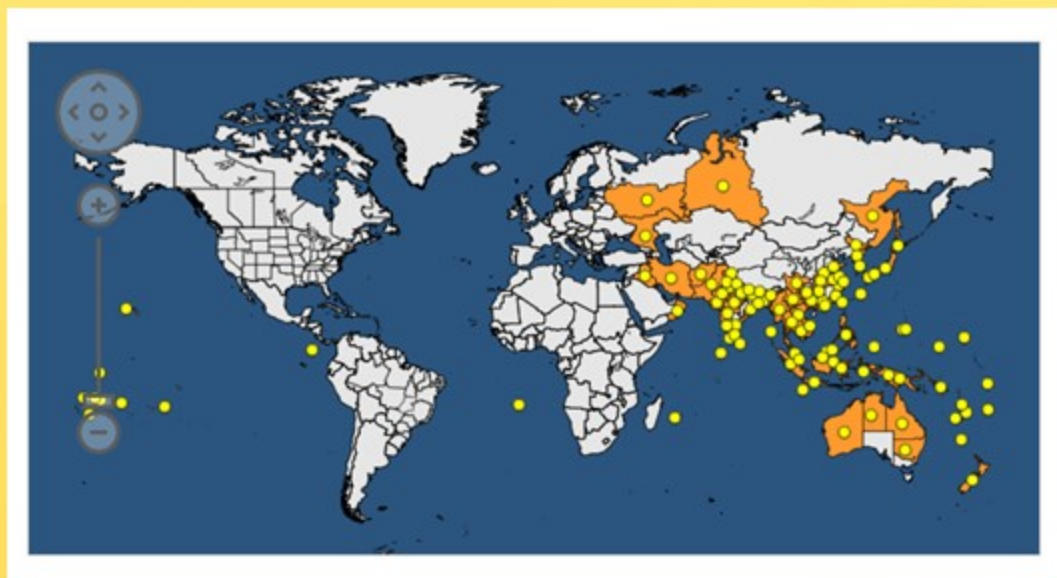
4. What is the pest's present geographical distribution?

Information sources:

EPPO Global Database

(<https://gd.eppo.int/taxon/PRODLI/distribution>)

(<https://www.cabi.org/isc/datasheet/44520#todistribution>)



Spodoptera litura

Босқич 2: Хатарни баҳолаш

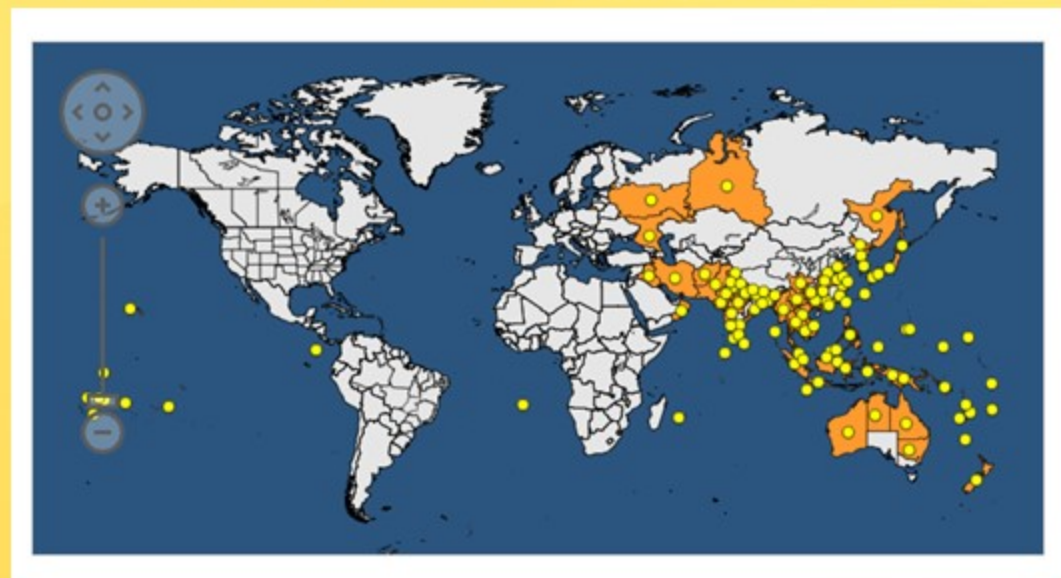
4. Ушбу зараркунанда ҳозирги пайтда географик жиҳатдан қандай тарқалган?

Ахборот манбалари:

EPPO Глобал ахборот базаси

(<https://gd.eppo.int/taxon/PRODLI/distribution>)

(<https://www.cabi.org/isc/datasheet/44520#todistribution>)

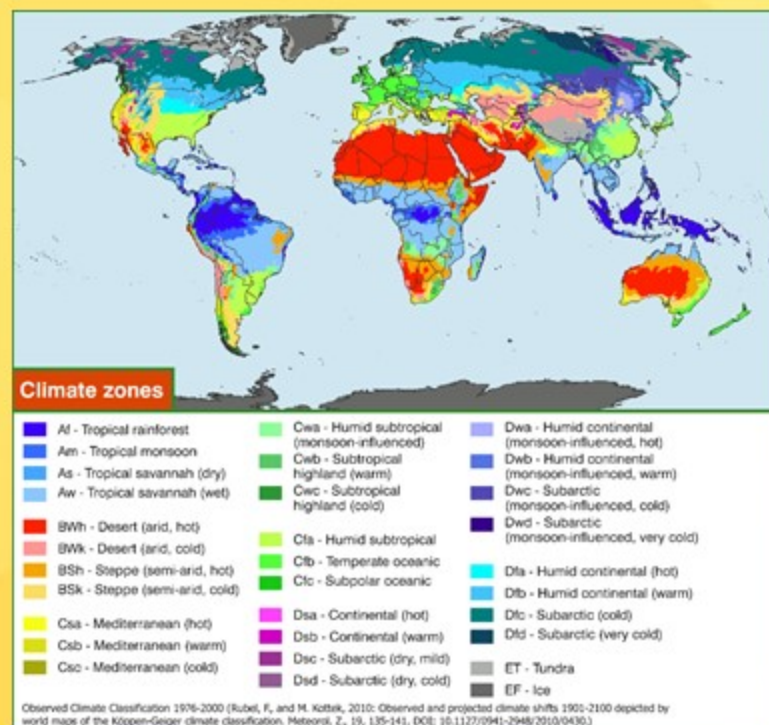


Spodoptera litura

CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country/SearchResult>)

- Select climate zones to add geographic areas with matching climates to Uzbekistan
- Desert (arid, cold)

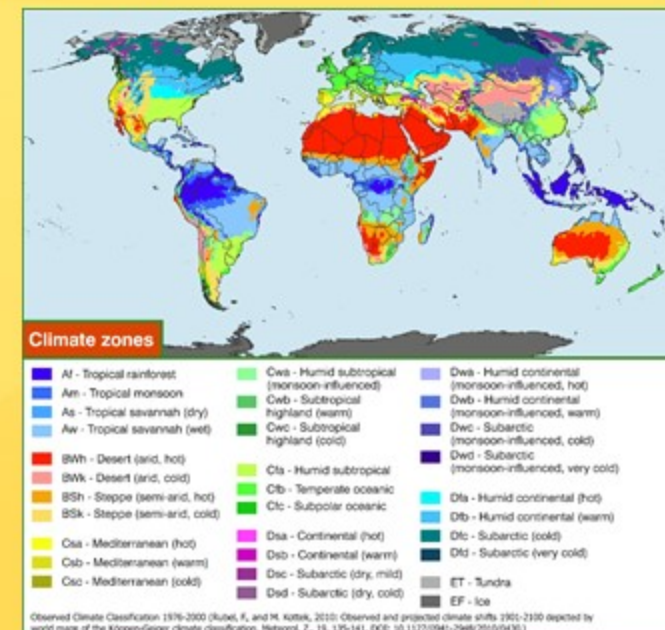


Spodoptera litura

CABI Горизонтни сканерлаш воситаси (Horizon Scanning Tool)

(<https://www.cabi.org/HorizonScanningTool/Country/SearchResult>)

- Ўзбекистон иқлимига мос келувчи географик ҳудудларни қўшиш учун иқлим зоналарини танланг
- Чўл (қуруқ, совуқ)



Spodoptera litura

Spodoptera litura

CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country>)

Refine search:

Invertebrates

Terrestrial

Pathways – transport

Record ID	Species	Host Plant	Geographical Distribution
2529	Sphingomonoxia chlor	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2530	Sphinx pin-olive hawk	Invertebrates	Full dataset pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Sphingidae
2531	Sphragis gold-fall	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Erebidae
2532	Sphragis similis	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Erebidae
2533	Sphionota common	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Arctidae
2534	Sphionota caryocarpa	Invertebrates	Full dataset pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Tortricidae
2535	Sphionota urticae	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Arctidae
2536	Sphionota yellow	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Arctidae
2537	Sphionota furcula	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Hemiptera Coreidae
2538	Sphionota hesperis	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Hemiptera Coreidae
2539	Sphionota three-color	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Hemiptera Coreidae
2540	Spodoptera	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2541	Spodoptera caterpillar	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2542	Spodoptera black army	Invertebrates	Full dataset pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae Invasive
2543	Spodoptera full army	Invertebrates	Full dataset pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae Invasive
2544	Spodoptera lateral line	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2545	Spodoptera	Invertebrates	Full dataset pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae Invasive
2546	Spodoptera jecty	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2547	Spodoptera yellow	Invertebrates	Full dataset pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2548	Spodoptera yellow	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2549	Spodoptera	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2550	Spodoptera picta	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2551	Spodoptera western	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2552	Spodoptera Hawaiian	Invertebrates	Full dataset pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Crambidae
2553	Stathmopoda aurifera	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Desmophoridae
2554	Stathmopoda perennis	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Desmophoridae
2555	Stathmopoda	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Desmophoridae

Results for Spodoptera litura:

- Total number of presence records
- Number of presence records in neighbouring geographic areas
- Number of presence records in geographic areas with matching climate
- Total Hosts

- 131
- 1
- 40
- 138

CABI Horizon Scanning Tool (Горизонтни сканерлаш воситаси)

(<https://www.cabi.org/HorizonScanningTool/Country>)

Излашни мослаш:

Умуртқасизлар

Ерда юривчилар

Йўналишлар – ташилиш

Record ID	Species	Host Plant	Geographical Distribution
2529	Sphingomonoxia chlor	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2530	Sphinx pin-olive hawk	Invertebrates	Full dataset pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Sphingidae
2531	Sphragis gold-fall	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Erebidae
2532	Sphragis similis	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Erebidae
2533	Sphionota common	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Arctidae
2534	Sphionota caryocarpa	Invertebrates	Full dataset pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Tortricidae
2535	Sphionota urticae	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Arctidae
2536	Sphionota yellow	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Arctidae
2537	Sphionota furcula	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Hemiptera Coreidae
2538	Sphionota hesperis	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Hemiptera Coreidae
2539	Sphionota three-color	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Hemiptera Coreidae
2540	Spodoptera	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2541	Spodoptera caterpillar	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2542	Spodoptera black army	Invertebrates	Full dataset pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae Invasive
2543	Spodoptera full army	Invertebrates	Full dataset pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae Invasive
2544	Spodoptera lateral line	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2545	Spodoptera	Invertebrates	Full dataset pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae Invasive
2546	Spodoptera jecty	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2547	Spodoptera yellow	Invertebrates	Full dataset pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2548	Spodoptera yellow	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2549	Spodoptera	Invertebrates	Basic data pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2550	Spodoptera picta	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Noctuidae
2551	Spodoptera Hawaiian	Invertebrates	Full dataset pest, host, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Crambidae
2552	Stathmopoda aurifera	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Desmophoridae
2553	Stathmopoda perennis	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Desmophoridae
2554	Stathmopoda	Invertebrates	Basic data pest, Eukaryota Metazoa, Arthropod Insecta, Lepidoptera Desmophoridae

Spodoptera litura га оид натижалар:

- Умумий мавжудлиги қайд этилган ҳоллар сони
- Қўшни географик ҳудудларда мавжудлиги қайд этилган ҳоллар сони
- Иқлими мос келадиган географик ҳудудларда қайд этилган ҳоллар сони
- Жами ташувчилар

Spodoptera litura

Stage 2: Risk Assessment

5. Is the pest established or transient, or suspected to be established/transient in Uzbekistan?

Answer:

6. What are the pest's natural and experimental host plants; of these, which are of economic and/or environmental importance in Uzbekistan?

Answer:

(<https://gd.eppo.int/taxon/PRODLI/hosts>)

Spodoptera litura

Босқич 2: Хатарни баҳолаш

5. Ушбу зараркунанда Ўзбекистондаги ўрнашиб қолганми ёки вақтинчалик мавжудми ёхуд ўрнашиб қолганлиги ёки вақтинча мавжудлиги ҳақида шубҳа борми? Жавоб:

6. Зараркунандаларнинг табиий ва экспериментал мезбон бўлган ўсимликлар нима; улардан қайсилари Ўзбекистонда иқтисодий ва / ёки экологик аҳамиятга эга? Жавоб:

(<https://gd.eppo.int/taxon/PRODLI/hosts>)

Spodoptera litura

7. If the pest needs a vector, is it present in Uzbekistan?

Answer:

8. What are the pathways on which the pest is likely to move and how likely is the pest to enter Uzbekistan?

Answer:

Rating of the likelihood of entry	Low	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	High	<input type="checkbox"/>
Rating of the uncertainty	Low	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	High	<input type="checkbox"/>

(<https://www.cabi.org/isc/datasheet/44520#tomeansOfMovementAndDispersal>)

Spodoptera litura

7. Агар зараркунандага ташувчи/хўжайин керак бўлса, у Ўзбекистонда борми? Жавоб:

8. Ушбу зараркунанда қайси йўллар билан ҳаракатланади ва Ўзбекистонга кириб келиш эҳтимоллиги қандай? Жавоб:

Кириб келиш эҳтимоллигини баҳолаш	Паст	<input type="checkbox"/>	ўрта	<input type="checkbox"/>	юқори	<input type="checkbox"/>
Ноаниқликни баҳолаш	Паст	<input type="checkbox"/>	ўрта	<input type="checkbox"/>	юқори	<input type="checkbox"/>

(<https://www.cabi.org/isc/datasheet/44520#tomeansOfMovementAndDispersal>)

Spodoptera litura

9. How likely is the pest to establish outdoors or under protection in Uzbekistan?

Answer:

Rating of the likelihood of establishment	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

10. How quickly could the pest spread in Uzbekistan?

Answer:

Rating of the magnitude of spread	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

Spodoptera litura

9. Ушбу зараркунанда Ўзбекистонда очик ҳудудлар ёки ёпиқ грунт шароитида ўрнашиб олиш эҳтимоллиги қанчалик баланд?

Жавоб:

ўрнашиб қолиш эҳтимоллигини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

10. Ушбу зараркунанда Ўзбекистонда қанчалик тез тарқалиши мумкин? Жавоб:

Тарқалиш миқёсини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

Spodoptera litura

11. What is the area endangered by the pest?

Answer:

12. What is the pest's economic, environmental or social impact within its existing distribution?

Answer:

Rating of the magnitude of impact	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

Spodoptera litura

11. Ушбу зараркунанда қайси ҳудуд учун хавф тудирмоқда? Зараркунанда хавф солаётган майдон қанча? Жавоб:

12. Ушбу зараркунанда ҳозирги пайтда тарқалган ҳудудда қандай иқтисодий, экологик ёки ижтимоий таъсир кўрсатади? Зараркунандаларнинг мавжуд тақсимоотида унинг иқтисодий, экологик ёки ижтимоий таъсири қандай? Жавоб:

Таъсир даражасини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

Spodoptera litura

13. What is the pest's potential to cause economic, environmental or social impacts in Uzbekistan?

Answer:

Rating of the magnitude of impact	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

14. What is the pest's potential as a vector of plant pathogens?

Answer:

Spodoptera litura

13. Зараркунандаларнинг Ўзбекистонда иқтисодий, экологик ёки ижтимоий таъсирларни келтириб чиқариш салоҳияти қандай? Жавоб:

Таъсир даражасини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

14. Ушбу зараркунанда ўсимликлар касалликларининг ташувчиси бўлиб қолиш салоҳияти/эҳтимоллиги қанақа? Жавоб:

Spodoptera litura

Overall Assessment of Risk

	Low	Moderate	High	Uncertainty
Rating of the likelihood of entry				
Rating of the likelihood of establishment				
Rating of the magnitude of spread				
Rating of the magnitude of impact in the current area of distribution				
Rating of the magnitude of impact in the area of potential establishment				

Spodoptera litura

Умумий хатарни баҳолаш

	Паст	ўрта	юқори	Ноаниқлик
Кириб келиш эҳтимолигини баҳолаш				
Ўрнашиб қолиш эҳтимолигини баҳолаш				
Тарқалиш миқёсини баҳолаш				
Ҳозирги пайтда тарқалган ҳудудда таъсир даражасини баҳолаш				
Ўрнашиб қолиши мумкин бўлган ҳудудда таъсир даражасини баҳолаш				

Spodoptera litura

Stage 3: Pest Risk Management

15. What are the risk management options for Uzbekistan?

The pathway being considered is: ...

Phytosanitary Measures			
Import			
Eradication			
Containment			
Non-statutory Controls			

Spodoptera litura

3-босқич: зараркунандалар хавфини бошқариш

15. Ўзбекистон учун хавф-хатарларни бошқариш вариантлари қандай?

Кўриб чиқиладиган йўл: ...

Фитосанитария чоралари			
Импорт			
Йўқотиш			
Изоляция			
Қонунда белгиланмаган назорат чоралари			

Spodoptera litura

Major Uncertainties and Further Work

Section of PRA	Further work needed to improve the PRA
Hosts (host range)	
Spread (factors affecting spread)	
Impact	
Management	

Spodoptera litura

Асосий ноаниқлик омиллари ва кейинги саъй-ҳаракатлар

ЗХТ (Зараркуандага оид хатар таҳлили)нинг қисми	ЗХТ (Зараркуандага оид хатар таҳлили)ни такомиллаштириш учун зарур қўшимча иш
Ташувчи/хўжайин (лар)	
Тарқалиш (Тарқалишга таъсир қилувчи омиллар)	
Таъсир	
Бошқариш	

Ceratocystis fimbriata

Background information sources that can use for the analysis include:

- EPPO Global Database
<https://gd.eppo.int/taxon/CERAFI>
- CABI Invasive Species Compendium
<https://www.cabi.org/isc/datasheet/12143>
- UK Plant Health Information Portal
<https://planthealthportal.defra.gov.uk/data/pests/12779/data>
- EFSA Journal
<https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/j.efsa.2008.703>



Ceratocystis fimbriata

Ушбу таҳлил учун фойдаланиш мумкин бўлган умумий ахборот манбаларига қуйидагилар киради

- EPPO Глобал ахборот базаси
<https://gd.eppo.int/taxon/CERAFI>
- CABI Инвазив турлар рўйхати
<https://www.cabi.org/isc/datasheet/12143>
- Буюк Британия Ўсимликлар муҳофазасига оид маълумотлар портали
<https://planthealthportal.defra.gov.uk/data/pests/12779/data>
- EFSA журнали
<https://efsa.onlinelibrary.wiley.com/doi/epdf/10.2903/j.efsa.2008.703>



Ceratocystis fimbriata

Stage 1: Initiation

1. What is the name of the pest?

Scientific name: *Ceratocystis fimbriata*

Taxonomic position: Ceratocystidaceae, Ceratocystis, Ceratocystis fimbriata

Common name: Ceratocystis blight
(<https://www.cabi.org/isc/datasheet/12143#toidentity>)

2. What is the pest's status in the lists of EPPO?

(<https://gd.eppo.int/taxon/CERAFl/categorization>)

3. What is the reason for the rapid assessment?

Answer:

Ceratocystis fimbriata

Босқич 1: Бошлаш

1. Зараркунанданинг номи нима?

Илмий номи: *Ceratocystis fimbriata*

Таксономияси: Ceratocystidaceae, Ceratocystis, Ceratocystis fimbriata

Оммабоп номи: Ceratocystis blight
(<https://www.cabi.org/isc/datasheet/12143#toidentity>)

2. EPPO рўйхатларида зараркунанданинг мавқеи қанақа?

(<https://gd.eppo.int/taxon/CERAFl/categorization>)

3. Тезкор баҳолашнинг сабаби нима?

Жавоб:

Ceratocystis fimbriata

Stage 2: Risk Assessment

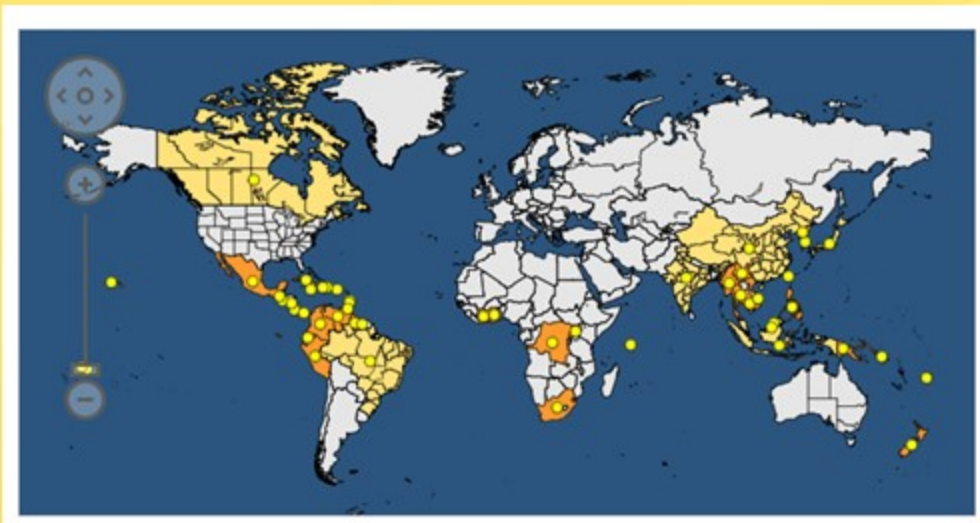
4. What is the pest's present geographical distribution?

Information sources:

EPPO Global Database:

(<https://gd.eppo.int/taxon/CERAFL/distribution>)

(<https://www.cabi.org/isc/datasheet/12143#todistribution>)



Ceratocystis fimbriata

Босқич 2: Хатарни баҳолаш

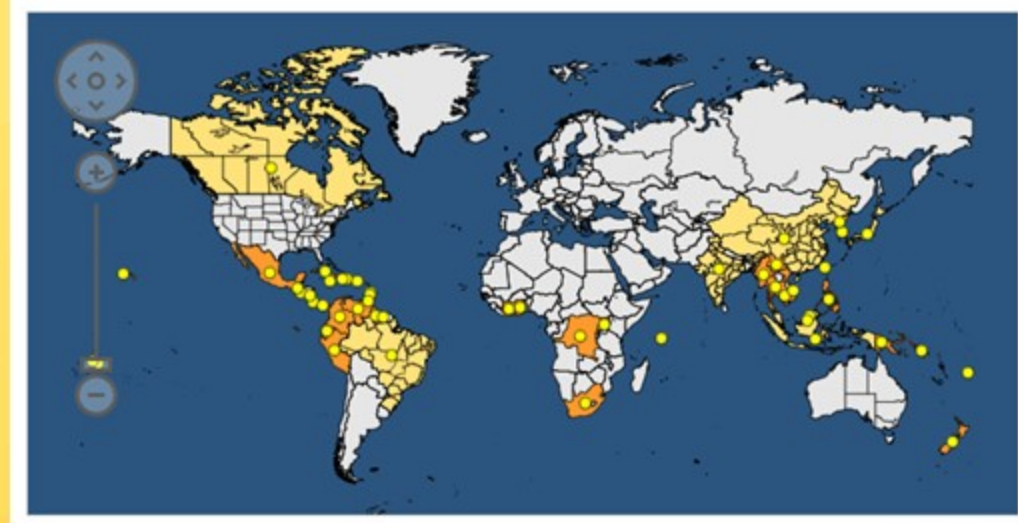
4. Ушбу зараркунанда ҳозирги пайтда географик жиҳатдан қанчалик тарқалган?

Ахборот манбалари:

EPPO Глобал ахборот базаси:

(<https://gd.eppo.int/taxon/CERAFL/distribution>)

(<https://www.cabi.org/isc/datasheet/12143#todistribution>)

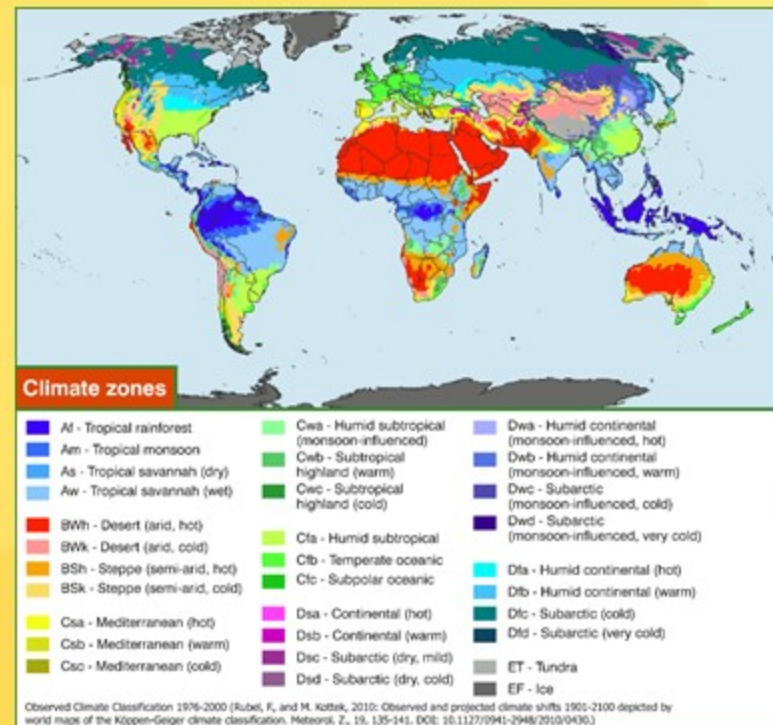


Ceratocystis fimbriata

CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country/SearchResult>)

- Select climate zones to add geographic areas with matching climates to Uzbekistan
- Desert (arid, cold)

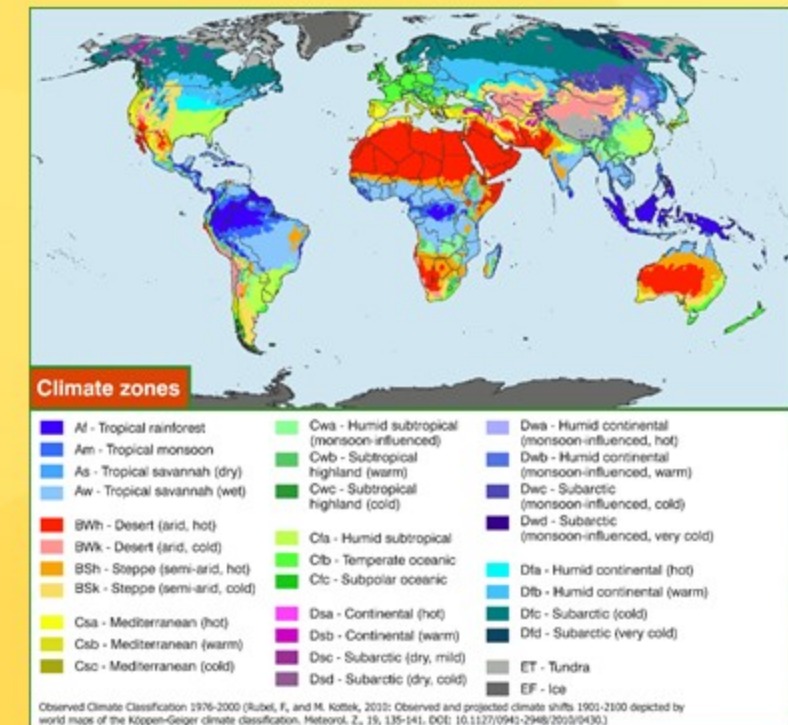


Ceratocystis fimbriata

CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country/SearchResult>)

- Иқлими Ўзбекистонга мос келувчи географик ҳудудларни қўшиш учун иқлим зоналарини танлаш
- Чўл (қуруқ, совуқ)



Ceratocystis fimbriata

Ceratocystis fimbriata

CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country>)

Refine search:

Fungi
Terrestrial
Pathways – transport

ID	Name	Distribution	...
131	Ceratocystis leaf spot - Fungi/Chromista	Basic data pest	...
134	Campanulorum genus Fungi/Chromista	Basic data pest	...
135	Campanula leucantha Fungi/Chromista	Basic data pest	...
136	Campanula corticalis Fungi/Chromista	Basic data pest	...
137	Campanula lateralis Fungi/Chromista	Basic data pest	...
138	Campanula sp. Fungi/Chromista	Basic data pest	...
139	Campanula sp. Fungi/Chromista	Basic data pest	...
140	Campanula sp. Fungi/Chromista	Basic data pest	...
141	Campanula sp. Fungi/Chromista	Basic data pest	...
142	Campanula sp. Fungi/Chromista	Basic data pest	...
143	Campanula sp. Fungi/Chromista	Basic data pest	...
144	Campanula sp. Fungi/Chromista	Basic data pest	...
145	Campanula sp. Fungi/Chromista	Basic data pest	...
146	Campanula sp. Fungi/Chromista	Basic data pest	...
147	Campanula sp. Fungi/Chromista	Basic data pest	...
148	Campanula sp. Fungi/Chromista	Basic data pest	...
149	Campanula sp. Fungi/Chromista	Basic data pest	...
150	Campanula sp. Fungi/Chromista	Basic data pest	...
151	Campanula sp. Fungi/Chromista	Basic data pest	...
152	Campanula sp. Fungi/Chromista	Basic data pest	...
153	Campanula sp. Fungi/Chromista	Basic data pest	...
154	Campanula sp. Fungi/Chromista	Basic data pest	...
155	Campanula sp. Fungi/Chromista	Basic data pest	...
156	Campanula sp. Fungi/Chromista	Basic data pest	...
157	Campanula sp. Fungi/Chromista	Basic data pest	...
158	Campanula sp. Fungi/Chromista	Basic data pest	...
159	Campanula sp. Fungi/Chromista	Basic data pest	...
160	Campanula sp. Fungi/Chromista	Basic data pest	...

Results for Ceratocystis fimbriata:

Total number of presence records 120
 Number of presence records in neighbouring geographic areas 0
 Number of presence records in geographic areas with matching climate 43
 Total Hosts 58

CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country>)

Refine search:

Замбуруғлар
Ерда юрүвчилар
Йўналиш - ташувчилар

ID	Name	Distribution	...
131	Ceratocystis leaf spot - Fungi/Chromista	Basic data pest	...
134	Campanulorum genus Fungi/Chromista	Basic data pest	...
135	Campanula leucantha Fungi/Chromista	Basic data pest	...
136	Campanula corticalis Fungi/Chromista	Basic data pest	...
137	Campanula lateralis Fungi/Chromista	Basic data pest	...
138	Campanula sp. Fungi/Chromista	Basic data pest	...
139	Campanula sp. Fungi/Chromista	Basic data pest	...
140	Campanula sp. Fungi/Chromista	Basic data pest	...
141	Campanula sp. Fungi/Chromista	Basic data pest	...
142	Campanula sp. Fungi/Chromista	Basic data pest	...
143	Campanula sp. Fungi/Chromista	Basic data pest	...
144	Campanula sp. Fungi/Chromista	Basic data pest	...
145	Campanula sp. Fungi/Chromista	Basic data pest	...
146	Campanula sp. Fungi/Chromista	Basic data pest	...
147	Campanula sp. Fungi/Chromista	Basic data pest	...
148	Campanula sp. Fungi/Chromista	Basic data pest	...
149	Campanula sp. Fungi/Chromista	Basic data pest	...
150	Campanula sp. Fungi/Chromista	Basic data pest	...
151	Campanula sp. Fungi/Chromista	Basic data pest	...
152	Campanula sp. Fungi/Chromista	Basic data pest	...
153	Campanula sp. Fungi/Chromista	Basic data pest	...
154	Campanula sp. Fungi/Chromista	Basic data pest	...
155	Campanula sp. Fungi/Chromista	Basic data pest	...
156	Campanula sp. Fungi/Chromista	Basic data pest	...
157	Campanula sp. Fungi/Chromista	Basic data pest	...
158	Campanula sp. Fungi/Chromista	Basic data pest	...
159	Campanula sp. Fungi/Chromista	Basic data pest	...
160	Campanula sp. Fungi/Chromista	Basic data pest	...

Ceratocystis fimbriata бўйича натижалар:

Мавжудлиги аниқланган ҳолатларнинг умумий сони 120
 Қўшни географик ҳудудларда мавжудлиги аниқланган ҳолатлар сони 0
 Иқлими мос келадиган географик ҳудудларда мавжудлиги 43
 Ташувчи/хўжайин (лар) умумий сони 58

Ceratocystis fimbriata

Stage 2: Risk Assessment

5. Is the pest established or transient, or suspected to be established/transient in Uzbekistan?

Answer:

6. What are the pest's natural and experimental host plants; of these, which are of economic and/or environmental importance in Uzbekistan?

Answer:

(<https://gd.eppo.int/taxon/CERAFI/hosts>)

Ceratocystis fimbriata

Босқич 2: Хатарни баҳолаш

5. Ўзбекистондаги ушбу зараркунанда ўрнашиб олганми ёки вақтинчалик мавжудми ёхуд ўрнашиб олганлиги ёки вақтинчалик мавжудлиги ҳақида шубҳалар борми? *Жавоб:*

6. Ушбу зараркунанда учун қайси ўсимликлар табиий ва экспериментал мезбон; улардан қайсилари Ўзбекистонда иқтисодий ва / ёки экологик аҳамиятга эга? *Жавоб:*

(<https://gd.eppo.int/taxon/CERAFI/hosts>)

Ceratocystis fimbriata

7. If the pest needs a vector, is it present in Uzbekistan?

Answer:

8. What are the pathways on which the pest is likely to move and how likely is the pest to enter Uzbekistan?

Answer:

Rating of the likelihood of entry	Low	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	High	<input type="checkbox"/>
Rating of the uncertainty	Low	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	High	<input type="checkbox"/>

Ceratocystis fimbriata

7. Агар ушбу зараркунандага ташувчи зарур бўлса у Ўзбекистонда борми? Жавоб:

8. Ушбу зараркунанда қайси йўллар билан ҳаракатланади ва Ўзбекистонга кириб келиш эҳтимоллиги қанақа? Жавоб:

Кириб келиш эҳтимоллигини баҳолаш	Паст	<input type="checkbox"/>	ўрта	<input type="checkbox"/>	юқори	<input type="checkbox"/>
Ноаниқликни баҳолаш	Паст	<input type="checkbox"/>	ўрта	<input type="checkbox"/>	юқори	<input type="checkbox"/>

Ceratocystis fimbriata

9. How likely is the pest to establish outdoors or under protection in Uzbekistan?

Answer:

Rating of the likelihood of establishment	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

10. How quickly could the pest spread in Uzbekistan?

Answer:

Rating of the magnitude of spread	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

Ceratocystis fimbriata

9. Ушбу зараркунанда Ўзбекистонда очик ҳудудлар ёки ёпиқ грунт шароитида ўрнашиб олиш эҳтимоллиги қандай? Жавоб:

ўрнашиб қолиш эҳтимоллигини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

10. Ушбу зараркунанда Ўзбекистонда қанчалик тез тарқалиши мумкин? Жавоб:

Тарқалиш миқёсини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

Ceratocystis fimbriata

11. What is the area endangered by the pest?

Answer:

12. What is the pest's economic, environmental or social impact within its existing distribution?

Answer:

Rating of the magnitude of impact	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

Ceratocystis fimbriata

11. Ушбу зараркунанда қандай ҳудуд учун хавф туғдирмоқда? Жавоб:

12. Ушбу зараркунанда ҳозирги пайтда тарқалган ҳудудда қандай иқтисодий, экологик ёки ижтимоий таъсир кўрсатади?

Жавоб:

Таъсир даражасини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

Ceratocystis fimbriata

13. What is the pest's potential to cause economic, environmental or social impacts in Uzbekistan?

Answer:

Rating of the magnitude of impact	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

14. What is the pest's potential as a vector of plant pathogens?

Answer:

Ceratocystis fimbriata

13. Ушбу зараркунданнинг Ўзбекистонда иқтисодий, экологик ёки ижтимоий таъсир кўрсатиш учун салоҳияти қанақа? Жавоб:

Таъсир даражасини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

14. Ушбу зараркунанда ўсимликлар касалликларининг ташувчиси бўлиб қолиш салоҳияти қанақа?

Жавоб:

Ceratocystis fimbriata

Overall Assessment of Risk

	Low	Moderate	High	Uncertainty
Rating of the likelihood of entry				
Rating of the likelihood of establishment				
Rating of the magnitude of spread				
Rating of the magnitude of impact in the current area of distribution				
Rating of the magnitude of impact in the area of potential establishment				

Ceratocystis fimbriata

Умумий хатарни баҳолаш

	Паст	ўрта	юқори	Ноаниқлик
Кириб келиш эҳтимолигини баҳолаш				
Ўрнашиб қолиш эҳтимолигини баҳолаш				
Тарқалиш миқёсини баҳолаш				
Ҳозирги пайтда тарқалган ҳудудда таъсир даражасини баҳолаш				
Ўрнашиб қолиши мумкин бўлган ҳудудда таъсир даражасини баҳолаш				

Ceratocystis fimbriata

Stage 3: Pest Risk Management

15. What are the risk management options for Uzbekistan?

The pathway being considered is: ...

Phytosanitary Measures			
Import			
Eradication			
Containment			
Non-statutory Controls			

Ceratocystis fimbriata

3-босқич: Зараркунандалар хавфини бошқариш

15. Ўзбекистон учун хавф-хатарларни бошқариш вариантлари қандай?

Кўриб чиқиладиган вариант: ...

Фитосанитария чоралари			
Импорт			
Йўқотиш			
Изоляция			
Қонунда белгиланмаган назорат чоралари			

Ceratocystis fimbriata

Major Uncertainties and Further Work

Section of PRA	Further work needed to improve the PRA
Hosts (host range)	
Spread (factors affecting spread)	
Impact	
Management	

Ceratocystis fimbriata

Асосий ноаниқлик омиллари ва кейинги саъй-ҳаракатлар

ЗХТ (Зараркуандага оид хатар таҳлили)нинг қисми	ЗХТ (Зараркуандага оид хатар таҳлили)ни такомиллаштириш учун зарур қўшимча иш
Ташувчи/хўжайин (лар)	
Тарқалиш (Тарқалишга таъсир қилувчи омиллар Тарқалиш)	
Таъсир	
Бошқариш	

Cherry rasp leaf virus

Background information sources that can use for the analysis include:

- EPPO Global Database
<https://gd.eppo.int/taxon/CRLV00>
- CABI Invasive Species Compendium
<https://www.cabi.org/isc/datasheet/16197>
- UK Plant Health Information Portal
<https://planthealthportal.defra.gov.uk/data/pests/621/data#common-name>



Гилос барги вирусси

Ушбу таҳлил учун қўллаш мумкин бўлган умумий ахборот манбалари:

- EPPO Глобал ахборот базаси
<https://gd.eppo.int/taxon/CRLV00>
- CABI Инвазив турлар рўйхати
<https://www.cabi.org/isc/datasheet/16197>
- Буюк Британия Ўсимликлар муҳофазасига оид маълумотлар портали
<https://planthealthportal.defra.gov.uk/data/pests/621/data#common-name>



Cherry rasp leaf virus

Stage 1: Initiation

1. What is the name of the pest?

Scientific name: Cherry rasp leaf virus

Taxonomic position: Secoviridae, Cheravirus, Cherry rasp leaf virus

Common name: Cherry rasp leaf
(<https://gd.eppo.int/taxon/CRLV00>)

2. What is the pest's status in the lists of EPPO?

(<https://gd.eppo.int/taxon/CRLV00/categorization>)

3. What is the reason for the rapid assessment?

Answer:

Гилос барги вируси

Босқич 1: Бошлаш

1. Зараркунанданинг номи нима?

Илмий номи: Гилос барги вируси

Таксономияси: Secoviridae, Cheravirus, Гилос барги вируси

Оммабоп номи: Гилос/малина барги (Cherry rasp leaf)
(<https://gd.eppo.int/taxon/CRLV00>)

2. EPPO рўйхатларида зараркунанданинг мақоми қандай? (<https://gd.eppo.int/taxon/CRLV00/categorization>)

3. Тезкор баҳолашнинг сабаби нима?

Жавоб:

Cherry rasp leaf virus

Stage 2: Risk Assessment

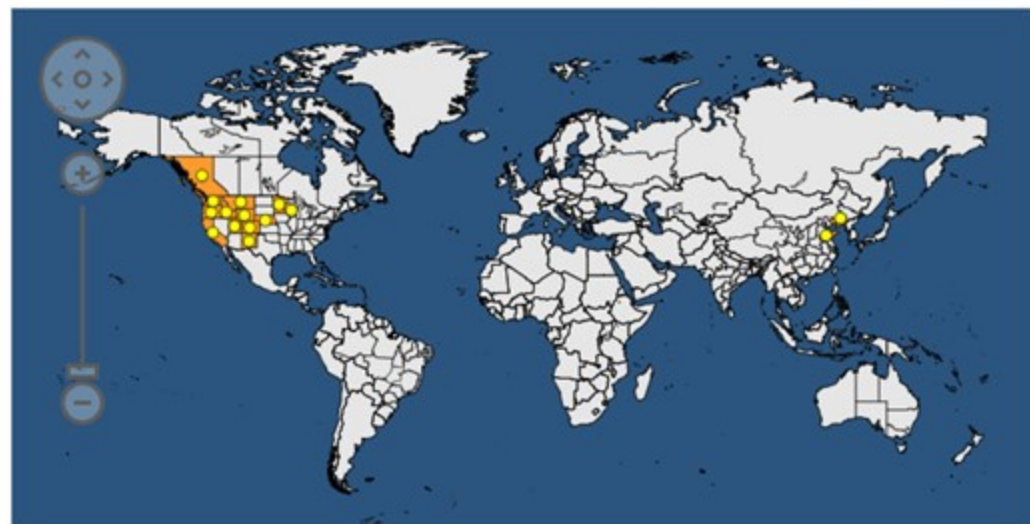
4. What is the pest's present geographical distribution?

Information sources:

EPPO Global Database:

(<https://gd.eppo.int/taxon/CRLV00/distribution>)

(<https://www.cabi.org/isc/datasheet/16197#todistributionDatabaseTable>)



Гилос барги вируси

Босқич 2: Хатарни баҳолаш

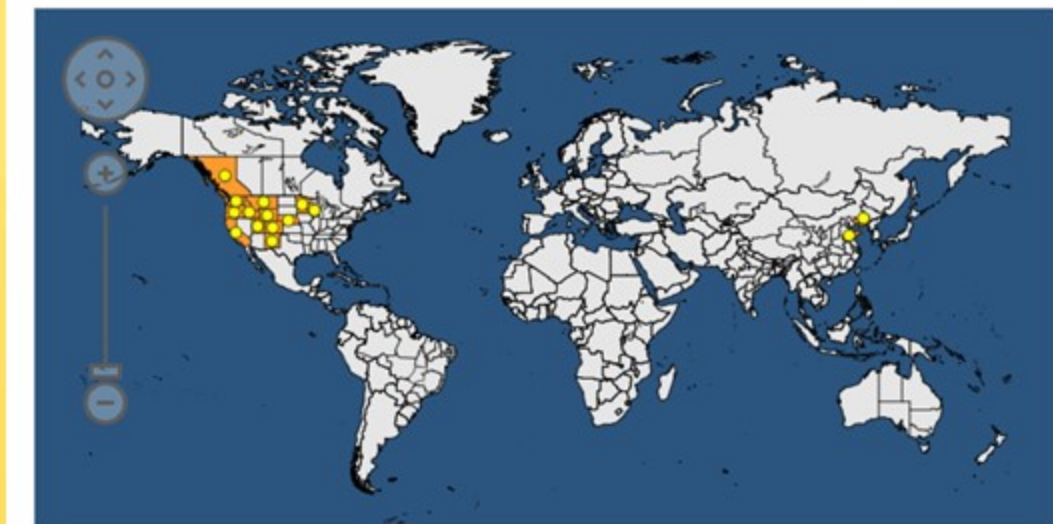
4. Ушбу зараркунанда ҳозирги пайтда географик жиҳатдан қанчалик тарқалган?

Ахборот манбалари:

EPPO Глобал ахборот базаси:

(<https://gd.eppo.int/taxon/CRLV00/distribution>)

(<https://www.cabi.org/isc/datasheet/16197#todistributionDatabaseTable>)



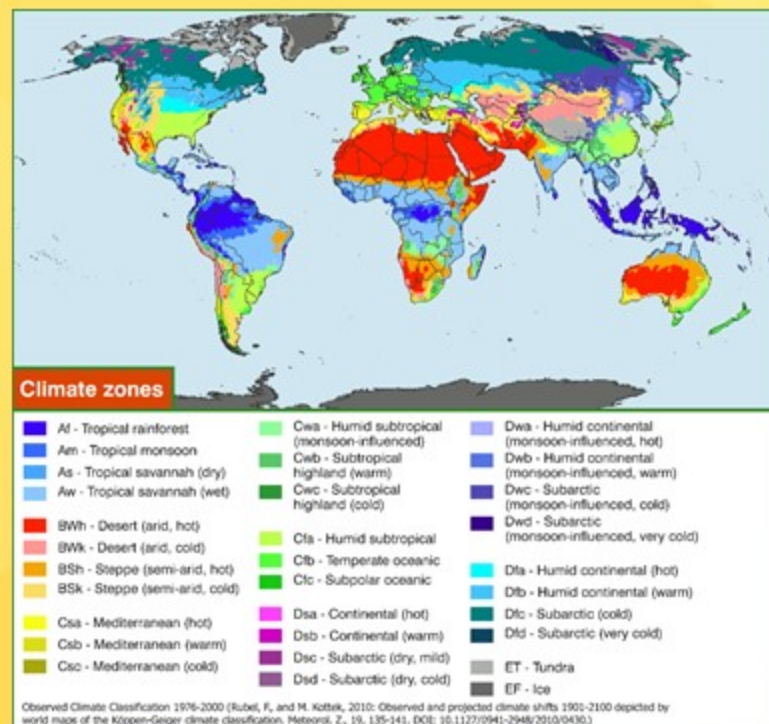
Cherry rasp leaf virus

Гилос барги вируси

CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country/SearchResult>)

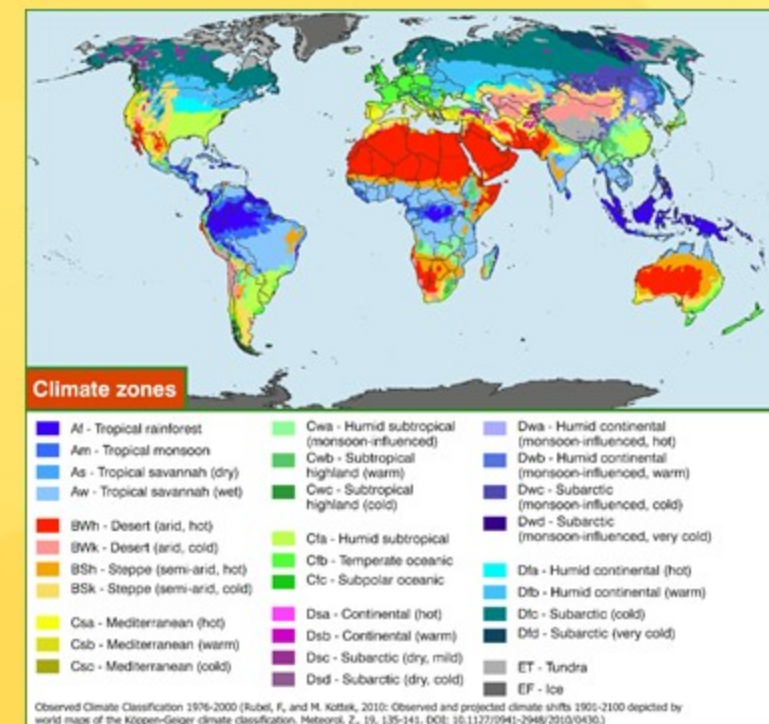
- Select climate zones to add geographic areas with matching climates to Uzbekistan
- Desert (arid, cold)



CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country/SearchResult>)

- Ўзбекистон иқлимига мос келувчи географик ҳудудларни қўшиш учун иқлим зоналарини танланг
- Чўл (қуруқ, совуқ)



Cherry rasp leaf virus

Гилос барги вируси

CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country>)

Refine search:

Virus
Terrestrial
Pathways – transport

ID	Name	Pathway	Host	Origin	First	Last	Status	URL
17	Cherry rasp leaf virus	Terrestrial	Cherry	USA	1946	1946	Present	https://www.cabi.org/isc/params

Results for Cherry rasp leaf virus:

Total number of presence records **17**
 Number of presence records in neighbouring geographic areas **0**
 Number of presence records in geographic areas with matching climate **16**
 Total Hosts **10**

CABI Horizon Scanning Tool

(<https://www.cabi.org/HorizonScanningTool/Country>)

Қидирувни такомиллаштириш:

Вирус
Ерда юрвчилар
Йўналиш - ташувчилар:

ID	Name	Pathway	Host	Origin	First	Last	Status	URL
17	Cherry rasp leaf virus	Terrestrial	Cherry	USA	1946	1946	Present	https://www.cabi.org/isc/params

Гилос барги вируси бўйича натижалар:

Мавжудлиги аниқланган ҳолатларнинг умумий сони **17**
 Қўшни географик ҳудудларда мавжудлиги аниқланган ҳолатлар сони **0**
 Иқлими мос келадиган географик ҳудудларда мавжудлиги аниқланган ҳолатлар **16**
 Ташувчи/хўжайинларнинг умумий сони **10**

Cherry rasp leaf virus

Stage 2: Risk Assessment

5. Is the pest established or transient, or suspected to be established/transient in Uzbekistan?

Answer:

6. What are the pest's natural and experimental host plants; of these, which are of economic and/or environmental importance in Uzbekistan?

Answer:

(<https://gd.eppo.int/taxon/CRLV00/hosts>)

Гилос барги вируси

2-босқич: Хатарни баҳолаш

5. Ушбу зараркунанда Ўзбекистондаги ўрнашиб қолганми ёки вақтинчалик мавжудми ёхуд ўрнашиб қолганлиги ёки вақтинча мавжудлиги ҳақида шубҳа қилинганми?

Жавоб:

6. Зараркунандаларнинг табиий ва экспериментал мезбон ўсимликлари қайси; улардан қайси бири Ўзбекистонда иқтисодий ва / ёки экологик аҳамиятга эга?

Жавоб:

(<https://gd.eppo.int/taxon/CRLV00/hosts>)

Cherry rasp leaf virus

Гилос барги вирусси

7. If the pest needs a vector, is it present in Uzbekistan?

Answer:

8. What are the pathways on which the pest is likely to move and how likely is the pest to enter Uzbekistan?

Answer:

Rating of the likelihood of entry	Low	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	High	<input type="checkbox"/>
Rating of the uncertainty	Low	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	High	<input type="checkbox"/>

7. Агар ушбу зараркунандага ташувчи зарур бўлса у Ўзбекистонда борми? Жавоб:

8. Ушбу зараркунанда қайси йўллар билан ҳаракатланади ва Ўзбекистонга кириб келиш эҳтимоллиги қанақа? Жавоб:

Кириб келиш эҳтимоллигини баҳолаш	Паст	<input type="checkbox"/>	ўрта	<input type="checkbox"/>	юқори	<input type="checkbox"/>
Ноаниқликни баҳолаш	Паст	<input type="checkbox"/>	ўрта	<input type="checkbox"/>	юқори	<input type="checkbox"/>

Cherry rasp leaf virus

9. How likely is the pest to establish outdoors or under protection in Uzbekistan?

Answer:

Rating of the likelihood of establishment	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

10. How quickly could the pest spread in Uzbekistan?

Answer:

Rating of the magnitude of spread	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

Гилос барги вируси

9. Ушбу зараркунанда Ўзбекистонда очик ҳудудлар ёки ёпиқ грунт шароитида ўрнашиб олиш эҳтимоллиги қанақа? Жавоб:

ўрнашиб қолиш эҳтимоллигини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

10. Ушбу зараркунанда Ўзбекистонда қанчалик тез тарқалиши мумкин? Жавоб:

Тарқалиш миқёсини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

Cherry rasp leaf virus

11. What is the area endangered by the pest?

Answer:

12. What is the pest's economic, environmental or social impact within its existing distribution?

Answer:

Rating of the magnitude of impact	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

Гилос барги вирусси

11. Ушбу зараркунанда қандай ҳудуд учун хавф туғдирмоқда? Жавоб:

12. Ушбу зараркунанда ҳозирги пайтда тарқалган ҳудудда қандай иқтисодий, экологик ёки ижтимоий таъсир кўрсатади?

Жавоб:

Таъсир даражасини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

Cherry rasp leaf virus

13. What is the pest's potential to cause economic, environmental or social impacts in Uzbekistan?

Answer:

Rating of the magnitude of impact	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

14. What is the pest's potential as a vector of plant pathogens?

Answer:

Гилос барги вируси

13. Ушбу зараркунданнинг Ўзбекистонда иқтисодий, экологик ёки ижтимоий таъсир кўрсатиш учун салоҳияти қанақа? Жавоб:

Таъсир даражасини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

14. Ушбу зараркунанда ўсимликлар касалликларининг ташувчиси бўлиб қолиш салоҳияти қанақа? ?

Жавоб:

Cherry rasp leaf virus

Гилос барги вирусси

Overall Assessment of Risk

	Low	Moderate	High	Uncertainty
Rating of the likelihood of entry				
Rating of the likelihood of establishment				
Rating of the magnitude of spread				
Rating of the magnitude of impact in the current area of distribution				
Rating of the magnitude of impact in the area of potential establishment				

Умумий хатарни баҳолаш

	Паст	ўрта	юқори	Ноаниқлик
Кириб келиш эҳтимолигини баҳолаш				
ўрнашиб қолиш эҳтимолигини баҳолаш				
Тарқалиш миқёсини баҳолаш				
Ҳозирги пайтда тарқалган ҳудудда таъсир даражасини баҳолаш				
ўрнашиб қолиши мумкин бўлган ҳудудда таъсир даражасини баҳолаш				

Cherry rasp leaf virus

Stage 3: Pest Risk Management

15. What are the risk management options for Uzbekistan?

The pathway being considered is: ...

Phytosanitary Measures			
Import			
Eradication			
Containment			
Non-statutory Controls			

Гилос барги вируси

3-босқич: Зараркунандага оид хатарларни бошқариш

15. Ўзбекистонда хатарларни бошқариш бўйича қандай вариантлар бор?

Кўриб чиқиладиган вариант: ...

Фитосанитария чоралари			
Импорт			
Йўқотиш			
Изоляция			
Қонунда белгиланмаган назорат чоралари			

Cherry rasp leaf virus

Major Uncertainties and Further Work

Section of PRA	Further work needed to improve the PRA
Hosts (host range)	
Spread (factors affecting spread)	
Impact	
Management	

Гилос барги вируси

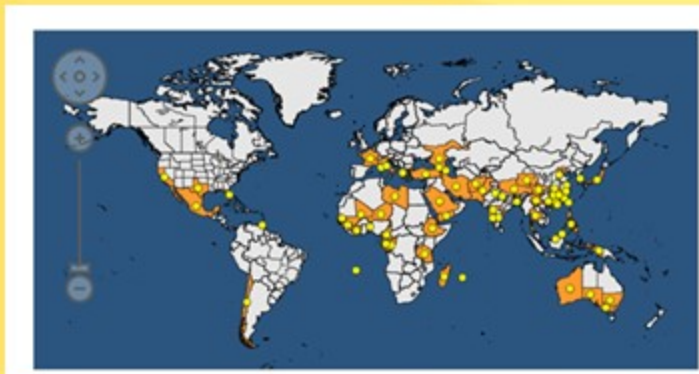
Асосий ноаниқлик омиллари ва кейинги саъй-ҳаракатлар

ЗХТ (Зараркуандага оид хатар таҳлили)нинг қисми	ЗХТ (Зараркуандага оид хатар таҳлили)ни такомиллаштириш учун зарур қўшимча иш
Ташувчи/хўжайин (лар)	
Тарқалиш (Тарқалишга таъсир қилувчи омиллар Тарқалиш)	
Таъсир	
Бошқариш	

Aonidiella citrina

Background information sources that can use for the PRA include:

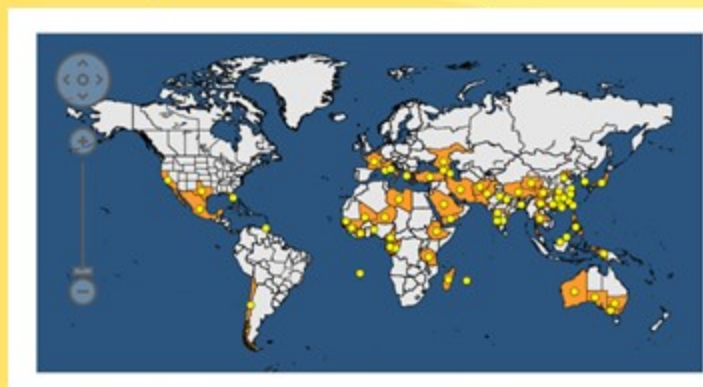
- EPPO Global Database
<https://gd.eppo.int/taxon/PRODLI>
- CABI Invasive Species Compendium
<https://www.cabi.org/isc/datasheet/5850>
- CABI Plantwise Knowledge Bank
<https://www.plantwise.org/KnowledgeBank/>
- UK Plant Health Information Portal
<https://planthealthportal.defra.gov.uk/>



Aonidiella citrina

ЗХТ учун қўллаш мумкин бўлган умумий ахборот манбалари:

- EPPO Глобал ахборот базаси
<https://gd.eppo.int/taxon/PRODLI>
- CABI Инвазив турлар рўйхати
<https://www.cabi.org/isc/datasheet/5850>
- CABI ўсимликлар ҳақида билимлар банки (Plantwise Knowledge Bank)
<https://www.plantwise.org/KnowledgeBank/>
- Буюк Британия ўсимликлар муҳофазасига оид маълумотлар портали <https://planthealthportal.defra.gov.uk/>



Aonidiella citrina

Stage 1: Initiation

1. What is the name of the pest?

Scientific name: *Aonidiella citrina*

Taxonomic position: Hemiptera; Diaspididae; Aonidiella

Common name: Yellow Scale

(<https://www.cabi.org/isc/datasheet/5850>)

2. What is the pest's status in the lists of EPPO?

Answer:

(<https://gd.eppo.int/taxon/AONDCI/categorization>)

3. What is the reason for the rapid assessment?

Answer:

47

Aonidiella citrina

Босқич 1: Бошлаш

1. Зараркунанданинг номи нима?

Илмий номи: *Aonidiella citrina*

Таксономияси: Hemiptera; Diaspididae; Aonidiella

Оммабоп номи: YelПаст Scale

(<https://www.cabi.org/isc/datasheet/5850>)

2. EPPO рўйхатларида зараркунанданинг мақоми қандай? Жавоб:

(<https://gd.eppo.int/taxon/AONDCI/categorization>)

3. Тезкор баҳолашнинг сабаби нима?

Жавоб:

47

Aonidiella citrina

Stage 2: Risk Assessment

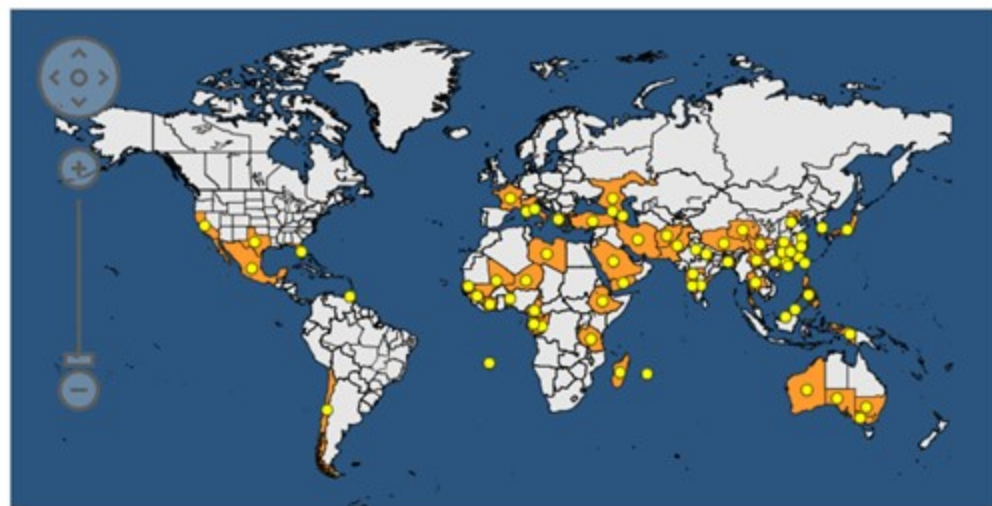
4. What is the pest's present geographical distribution?

Information sources:

EPPO Global Database

(<https://gd.eppo.int/taxon/AONDCI/distribution>)

(<https://www.cabi.org/isc/datasheet/5850#todistributionDatabaseTable>)



Aonidiella citrina

Босқич 2: Хатарни баҳолаш

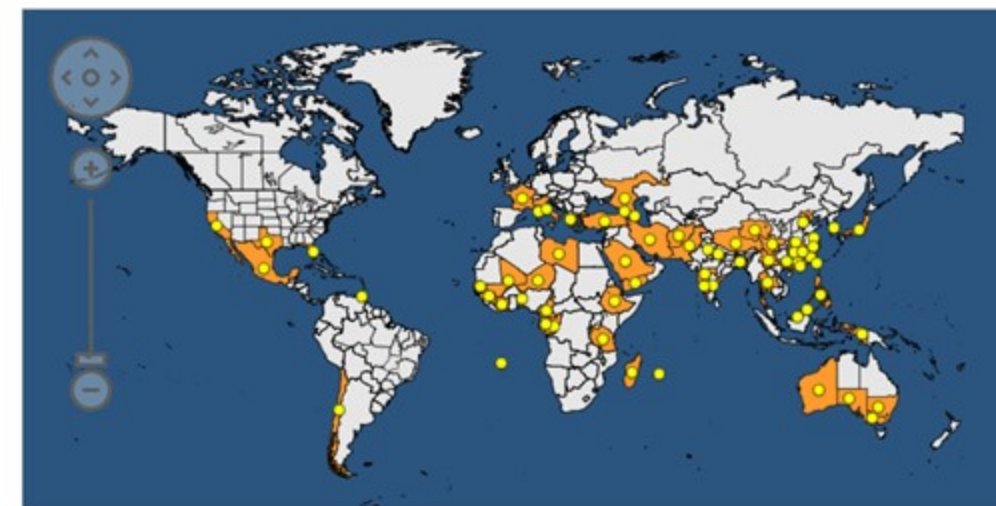
4. Ушбу зараркунанда ҳозирги пайтда географик жиҳатдан қанчалик тарқалган?

Ахборот манбалари:

EPPO Глобал ахборот базаси

(<https://gd.eppo.int/taxon/AONDCI/distribution>)

(<https://www.cabi.org/isc/datasheet/5850#todistributionDatabaseTable>)



Aonidiella citrina

Aonidiella citrina

CABI Horizon Scanning Tool

Refine search:

Invertebrates

Terrestrial

Pathways – transport

Host	Host ID	Host Name	Host Type	Host Pathway	Host Status	Host Date	Host Location	Host Reference
Aonidiella citrina	151	Aonidiella citrina	Invertebrate	Full dataset	pest	151	1	26

Results for *Aonidiella citrina*:

- Total number of presence records **79**
- Number of presence records in neighbouring geographic areas **1**
- Number of presence records in geographic areas with matching climate **43**
- Total Hosts **36**

CABI Horizon Scanning Tool

Излашни такомиллаштириш:

Умуртқасизлар

Ерда юрүвчилар

Йўналиш - ташувчилар

Host	Host ID	Host Name	Host Type	Host Pathway	Host Status	Host Date	Host Location	Host Reference
Aonidiella citrina	151	Aonidiella citrina	Invertebrate	Full dataset	pest	151	1	26

Aonidiella citrina бўйича натижалар:

- Мавжудлиги аниқланган ҳолатларнинг умумий сони **79**
- Қўшни географик ҳудудларда мавжудлиги аниқланган ҳолатлар сони **1**
- Иқлими мос келадиган географик ҳудудларда мавжудлиги **43**
- Ташувчи/хўжайин (лар) умумий сони **36**

Aonidiella citrina

Stage 2: Risk Assessment

5. Is the pest established or transient, or suspected to be established/transient in Uzbekistan?

Answer:

6. What are the pest's natural and experimental host plants; of these, which are of economic and/or environmental importance in Uzbekistan?

Answer:

(<https://gd.eppo.int/taxon/AONDCI/hosts>)

Aonidiella citrina

Босқич 2: Хатарни баҳолаш

5. Ушбу зараркунанда Ўзбекистондаги ўрнашиб қолганми ёки вақтинчалик мавжудми ёхуд ўрнашиб қолганлиги ёки вақтинча мавжудлиги ҳақида шубҳалар борми? Жавоб:

6. Зараркунандаларнинг табиий ва экспериментал мезбон ўсимликлари қайси; улардан қайси бири Ўзбекистонда иқтисодий ва /ёки экологик аҳамиятга эга? Жавоб:

(<https://gd.eppo.int/taxon/AONDCI/hosts>)

Aonidiella citrina

7. If the pest needs a vector, is it present in Uzbekistan?

Answer:

8. What are the pathways on which the pest is likely to move and how likely is the pest to enter Uzbekistan?

Answer:

Rating of the likelihood of entry	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

Aonidiella citrina

7. Агар ушбу зараркунандага ташувчи зарур бўлса у Ўзбекистонда борми? *Жавоб:*

8. Ушбу зараркунанда қайси йўллар билан ҳаракатланади ва Ўзбекистонга кириб келиш эҳтимоллиги қанақа? *Жавоб:*

Кириб келиш эҳтимоллигини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

Aonidiella citrina

9. How likely is the pest to establish outdoors or under protection in Uzbekistan?

Answer:

Rating of the likelihood of establishment	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

10. How quickly could the pest spread in Uzbekistan?

Answer:

Rating of the magnitude of spread	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

Aonidiella citrina

9. Ушбу зараркунанда Ўзбекистонда очиқ ҳудудлар ёки ёпиқ грунт шароитида ўрнашиб олиш эҳтимоллиги қанақа?

Жавоб:

ўрнашиб қолиш эҳтимоллигини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

10. Ушбу зараркунанда Ўзбекистонда қанчалик тез тарқалиши мумкин? Жавоб:

Тарқалиш миқёсини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

Aonidiella citrina

11. What is the area endangered by the pest?

Answer:

12. What is the pest's economic, environmental or social impact within its existing distribution?

Answer:

Rating of the magnitude of impact	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

Aonidiella citrina

11. Ушбу зараркунанда қандай ҳудуд учун хавф туғдирмоқда?

Жавоб:

12. Ушбу зараркунанда ҳозирги пайтда тарқалган ҳудудда қандай иқтисодий, экологик ёки ижтимоий таъсир кўрсатади? Жавоб:

Таъсир даражасини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

Aonidiella citrina

Aonidiella citrina

13. What is the pest's potential to cause economic, environmental or social impacts in Uzbekistan?

Answer:

Rating of the magnitude of impact	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Rating of the uncertainty	Low <input type="checkbox"/>	Moderate <input type="checkbox"/>	High <input type="checkbox"/>

14. What is the pest's potential as a vector of plant pathogens?

Answer:

13. Ушбу зараркунданнинг Ўзбекистонда иқтисодий, экологик ёки ижтимоий таъсир кўрсатиш учун салоҳияти қанақа? Жавоб:

Таъсир даражасини баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>
Ноаниқликни баҳолаш	Паст <input type="checkbox"/>	ўрта <input type="checkbox"/>	юқори <input type="checkbox"/>

14. Ушбу зараркунанда ўсимликлар касалликларининг ташувчиси бўлиб қолиш салоҳияти қанақа?

Жавоб:

Aonidiella citrina

Overall Assessment of Risk

	Low	Moderate	High	Uncertainty
Rating of the likelihood of entry				
Rating of the likelihood of establishment				
Rating of the magnitude of spread				
Rating of the magnitude of impact in the current area of distribution				
Rating of the magnitude of impact in the area of potential establishment				

Aonidiella citrina

Умумий хатарни баҳолаш

	Паст	ўрта	юқори	Ноаниқлик
Кириб келиш эҳтимолигини баҳолаш				
Ўрнашиб қолиш эҳтимолигини баҳолаш				
Тарқалиш миқёсини баҳолаш				
Ҳозирги пайтда тарқалган ҳудудда таъсир даражасини баҳолаш				
Ўрнашиб қолиши мумкин бўлган ҳудудда таъсир даражасини баҳолаш				

Aonidiella citrina

Stage 3: Pest Risk Management

15. What are the risk management options for Uzbekistan?

The pathway being considered is: ...

Phytosanitary Measures			
Import			
Eradication			
Containment			
Non-statutory Controls			

Aonidiella citrina

3-босқич : Зараркунандага оид хатарларни бошқариш

15. Ўзбекистонда хатарларни бошқариш бўйича қандай вариантлар бор?

Кўриб чиқиладиган вариант: ...

Фитосанитария чоралари			
Импорт			
Йўқотиш			
Изоляция			
Қонунда белгиланмаган назорат чоралари			

Aonidiella citrina

Major Uncertainties and Further Work

Section of PRA	Further work needed to improve the PRA
Hosts (host range)	
Spread (factors affecting spread)	
Impact	
Management	

Aonidiella citrina

Асосий ноаниқлик омиллари ва кейинги саъй-ҳаракатлар

ЗХТ (Зараркуандага оид хатар таҳлили)нинг қисми	ЗХТ (Зараркуандага оид хатар таҳлили)ни такомиллаштириш учун зарур қўшимча иш
Ташувчи/хўжайин (лар)	
Тарқалиш (Тарқалишга таъсир қилувчи омиллар Тарқалиш)	
Таъсир	
Бошқариш	

Thank you

**Эътиборингиз учун
рахмат!**

