

# CBP Facilitating Legitimate Import of Biological Materials

***CDC Import Safety Webcast  
December 2021***

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**U.S. Customs and  
Border Protection**

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# Agriculture Programs and Trade Liaison

## Our Mission

Protect the border by **preventing the entry of threats to American agriculture and natural resources** through innovative policies and processes

## Our Vision

Provide **innovative, convergent solutions** to facilitate the agricultural mission



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Border Protection

# Typical Day in Fiscal Year 2019:

- CBP processes -
  - 1,124,075 passengers and pedestrians.
- 371,912 incoming international air passengers and crew.
- 70,414 passengers and crew on arriving ships/boats.
- 681,750 incoming land travelers
- \$7.3 billion worth of imports.
- 4,695 quarantine material interceptions (plant and animal products, and soil).



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# Regulating Biological Material



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# Regulated Biologicals – CBP

- All import products are subject to inspection by CBP.
- The **Importer/Shipper**, or their agent, is responsible for complying with all applicable shipping regulations including permits, certificates, and meeting DOT packaging and labeling requirements.
- Biologicals do **not** qualify for Section 321 as they are regulated by PGAs.



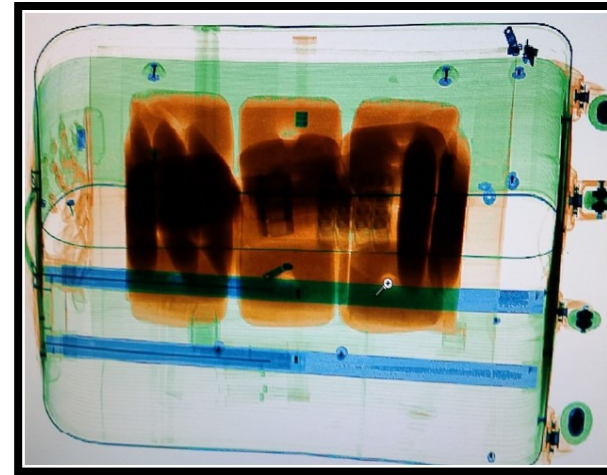
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# Regulated Biologicals – CBP

## Bio-Threat Exclusion Approach

- Before Arrival:
  - Advanced screening of high-risk imports.
- On Arrival:
  - Non-intrusive inspection (x-ray).
  - Inspection of biological and agricultural imports.



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# CBP Innovative Solutions



**CBP One**<sup>TM</sup>

Traveler Requesting Inspection – Mobile and  
Dashboard

September 7, 2021



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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment

The image displays four sequential screenshots of the CBP One mobile application interface:

- Who Are You:** A screen with a header "Who Are You" and a list of user roles. The "Traveler" option is highlighted with a red dashed box. Other roles include Broker/Carrier/Forwarder, Aircraft Operator, Bus Operator, Seaplane Pilot, Commercial Truck Driver, Commercial Vessel Operator, and International Organization.
- Select Travel Method:** A screen with a header "Select Travel Method" and three radio button options: Land, Sea, and Air. The "Air" option is selected.
- Traveler:** A screen with a header "Traveler" and a map of the United States. It features three main options: "Report My Arrival" (with a right arrow), "Request Inspection of Agriculture and Biological Products" (with a right arrow), and "Check Your Trusted Traveler Programs Status" (with a right arrow).
- Request Inspection:** A screen with a header "Request Inspection" and a sub-header "Enter arrival details below". It contains five input fields: "Flight Number", "Airline", "Arrival Date", "Scheduled Arrival Time", and "Airport Code". Below these fields is a question: "Were you precleared or processed by U.S Customs and Border Protection PRIOR to departure?" with "Yes" (selected) and "No" radio buttons.

[https://fwsepermits.servicenow.com/fws?id=fws\\_kb\\_article&sys\\_id=400f70b71b5b58101f45dbdbe54bcb1a](https://fwsepermits.servicenow.com/fws?id=fws_kb_article&sys_id=400f70b71b5b58101f45dbdbe54bcb1a)



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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment (Biological Materials)

9:41 Request Inspection

Enter inspection details below

Inspection Type

9:41 Request Inspection

Enter inspection details below

Inspection Type  
Biological Materials

Entry Number

How is the biological material packed?

Where is the biological material located?

Description of Biological Material(s) 0/280

9:41 Request Inspection

Enter inspection details below

Inspection Type  
Biological Materials

Entry Number  
123456

How is the biological material packed?  
Box

Where is the biological material located?  
Checked Bag

Description of Biological Material(s) 0/280

Description of Biological Material(s)

Description of biological materials, cleaning and disinfection of shoes worn on a farm or near livestock, or food items (e.g. fresh fruits and vegetables, meats) and live animals (pets, service/emotional support animals)



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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment (Biological Materials)

9:41

Request Inspection

Enter import permit details below

IMPORT PERMIT 1

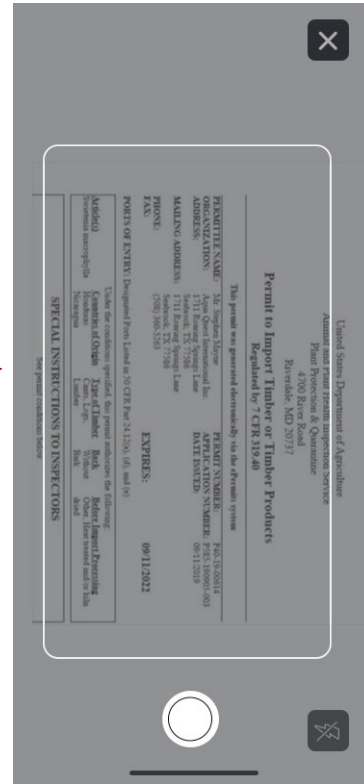
Import Permit Number  
1111111

Issuing Agency for Permit  
USDA

TAKE A PHOTO  
Take a photo of the import permit.

I have another import permit to enter

BACK CONTINUE



9:41

Request Inspection

Enter import permit details below

IMPORT PERMIT 1

Import Permit Number  
1111111

Issuing Agency for Permit  
USDA

DOCUMENT PHOTO

I have another import permit to enter

BACK CONTINUE

9:41

Request Inspection

Enter import permit details below

IMPORT PERMIT 1 Remove

Import Permit Number  
1111111

Issuing Agency for Permit  
USDA

DOCUMENT PHOTO

IMPORT PERMIT 2 Remove

Import Permit Number  
222222

Issuing Agency for Permit  
USDA

TAKE A PHOTO  
Take a photo of the import permit.

I have another import permit to enter

BACK CONTINUE



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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment (Biological Materials)

9:41 Request Inspection

Select one traveler below

+ ADD A NEW TRAVELER

John Doe  
Passport #9876

BACK CONTINUE

9:41 Request Inspection

Enter traveler and passport details

SCAN A PASSPORT (OPTIONAL)  
Take a photo of the page of your passport with your photo on it.

TRAVELER DETAILS

\* First Name  
John

\* Last Name  
Doe

\* Date of Birth  
October 1, 1992

PASSPORT DETAILS

\* Passport Number (Last 4 Digits)  
9876

\* Country of Issuance  
Switzerland

ADD

9:41 Review

ARRIVAL DETAILS

Flight Number  
AA1234

Airline  
American

Arrival Date  
10/28/2020

Scheduled Arrival Time  
14:30

Airport Code  
MIA

Precleared or processed prior to departure?  
Yes

IMPORT PERMIT DETAILS

Import Permit Number  
00000

Issuing Agency for Permit  
Example

INSPECTION DETAILS

Inspection Type  
Biological Materials

Entry Number  
1111

How is the biological material packed?  
Box

Where is the biological material located?  
Checked Bag

Description of Biological Material(s)  
Example description goes here

TRAVELER AND PASSPORT DETAILS

First Name  
John

Last Name  
Doe

Date of Birth  
October 1, 1992

Passport Number (Last 4 Digits)  
9876

Country of Issuance  
Switzerland

SUBMIT

9:41 Review

ARRIVAL DETAILS

Flight Number  
AA1234

Airline  
American

Arrival Date  
10/28/2020

Scheduled Arrival Time  
14:30

Airport Code  
MIA

Precleared or processed prior to departure?  
Yes

IMPORT PERMIT DETAILS

Import Permit Number  
00000

Issuing Agency for Permit  
Example

INSPECTION DETAILS

Inspection Type  
Biological Materials

Entry Number  
1111

How is the biological material packed?  
Box

Where is the biological material located?  
Checked Bag

Description of Biological Material(s)  
Example description goes here

TRAVELER AND PASSPORT DETAILS

First Name  
John

Last Name  
Doe

Date of Birth  
October 1, 1992

Passport Number (Last 4 Digits)  
9876

Country of Issuance  
Switzerland

Request Inspection  
Would you like to submit your request for inspection?  
Back Yes, Submit

SUBMIT

9:41 Review

ARRIVAL DETAILS

Flight Number  
AA1234

Airline  
American

Arrival Date  
10/28/2020

Scheduled Arrival Time  
14:30

Airport Code  
MIA

Precleared or processed prior to departure?  
Yes

IMPORT PERMIT DETAILS

Import Permit Number  
00000

Issuing Agency for Permit  
Example

INSPECTION DETAILS

Inspection Type  
Biological Materials

Entry Number  
1111

How is the biological material packed?  
Box

Where is the biological material located?  
Checked Bag

Description of Biological Material(s)  
Example description goes here

TRAVELER AND PASSPORT DETAILS

First Name  
John

Last Name  
Doe

Date of Birth  
October 1, 1992

Passport Number (Last 4 Digits)  
9876

Country of Issuance  
Switzerland

Request Inspection  
Would you like to submit your request for inspection?  
Back Yes, Submit

SUBMIT



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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment (Live Animals)

**Request Inspection**

Select one traveler below

**ADD A NEW TRAVELER**

**John Doe**  
Passport #9876

**Request Inspection**

Enter traveler and passport details

**SCAN A PASSPORT (OPTIONAL)**  
Take a photo of the page of your passport with your photo on it.

**TRAVELER DETAILS**

First Name: John

Last Name: Doe

Date of Birth: October 1, 1992

**PASSPORT DETAILS**

Passport Number (Last 4 Digits): 9876

Country of Issuance: Switzerland

**BACK** **CONTINUE** **ADD**

**Review**

**ARRIVAL DETAILS**

Flight Number: AA1234

Airline: American

Arrival Date: 10/28/2020

Scheduled Arrival Time: 14:30

Airport Code: MIA

Precleared or processed prior to departure?: Yes

**INSPECTION DETAILS**

Inspection Type: Live Animals and Pets

**IMPORT PERMIT DETAILS**

Import Permit Number: 00000

Issuing Agency for Permit: Example

Import Permit Number: 00000

Issuing Agency for Permit: Example

**TRAVELER AND PASSPORT DETAILS**

First Name: John

Last Name: Doe

Date of Birth: October 1, 1992

Passport Number (Last 4 Digits): 9876

Country of Issuance: Switzerland

**SUBMIT**

**Review**

**Request Inspection**  
Would you like to submit your request for inspection?

**Back** **Yes, Submit**

**ARRIVAL DETAILS**

Flight Number: AA1234

Airline: American

Arrival Date: 10/28/2020

Scheduled Arrival Time: 14:30

Airport Code: MIA

Precleared or processed prior to departure?: Yes

**INSPECTION DETAILS**

Inspection Type: Live Animals and Pets

**IMPORT PERMIT DETAILS**

Import Permit Number: 00000

Issuing Agency for Permit: Example

Import Permit Number: 00000

Issuing Agency for Permit: Example

**TRAVELER AND PASSPORT DETAILS**

First Name: John

Last Name: Doe

Date of Birth: October 1, 1992

Passport Number (Last 4 Digits): 9876

Country of Issuance: Switzerland

**SUBMIT**

**Review**

**This request for inspection has been successfully submitted to CBP.**

**Ok**

**ARRIVAL DETAILS**

Flight Number: AA1234

Airline: American

Arrival Date: 10/28/2020

Scheduled Arrival Time: 14:30

Airport Code: MIA

Precleared or processed prior to departure?: Yes

**INSPECTION DETAILS**

Inspection Type: Live Animals and Pets

**IMPORT PERMIT DETAILS**

Import Permit Number: 00000

Issuing Agency for Permit: Example

Import Permit Number: 00000

Issuing Agency for Permit: Example

**TRAVELER AND PASSPORT DETAILS**

First Name: John

Last Name: Doe

Date of Birth: October 1, 1992

Passport Number (Last 4 Digits): 9876

Country of Issuance: Switzerland

**SUBMIT**



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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment (Clean & Disinfect Footwear)

The image displays three sequential screenshots of the CBP One mobile application interface for requesting an inspection appointment. Each screen has a dark blue header with the time '9:41', signal strength, Wi-Fi, and battery icons, and a title bar 'Request Inspection' with a close button and a user profile icon.

- Screen 1:** Titled 'Request Inspection', it prompts the user to 'Enter inspection details below'. A dropdown menu for 'Inspection Type' is set to 'Clean and Disinfect Footwear'. At the bottom are 'BACK' and 'CONTINUE' buttons.
- Screen 2:** Titled 'Request Inspection', it prompts the user to 'Select one traveler below'. It features an 'ADD A NEW TRAVELER' button and a selection card for 'John Doe' with 'Passport #9876'. At the bottom are 'BACK' and 'CONTINUE' buttons.
- Screen 3:** Titled 'Request Inspection', it prompts the user to 'Enter traveler and passport details'. It includes a 'SCAN A PASSPORT (OPTIONAL)' button with a right-pointing arrow. Below are sections for 'TRAVELER DETAILS' (First Name: John, Last Name: Doe, Date of Birth: October 1, 1992) and 'PASSPORT DETAILS' (Passport Number (Last 4 Digits): 9876, Country of Issuance: Switzerland). At the bottom is an 'ADD' button.



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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment (Clean & Disinfect Footwear)

9:41 Review

ARRIVAL DETAILS Edit

Flight Number  
AA1234

Airline  
American

Arrival Date  
10/28/2020

Scheduled Arrival Time  
14:30

Airport Code  
MIA

Precleared or processed prior to departure?  
Yes

INSPECTION DETAILS Edit

Inspection Type  
Clean and Disinfect Footwear

TRAVELER AND PASSPORT DETAILS Edit

First Name  
John

Last Name  
Doe

Date of Birth  
October 1, 1992

Passport Number (Last 4 Digits)  
9876

Country of Issuance  
Switzerland

SUBMIT

9:41 Review

ARRIVAL DETAILS Edit

Flight Number  
AA1234

Airline  
American

Arrival Date  
10/28/2020

Scheduled Arrival Time  
14:30

Airport Code  
MIA

Precleared or processed prior to departure?  
Yes

INSPECTION DETAILS Edit

Inspection Type  
Clean and Disinfect Footwear

TRAVELER AND PASSPORT DETAILS Edit

First Name  
John

Last Name  
Doe

Date of Birth  
October 1, 1992

Passport Number (Last 4 Digits)  
9876

Country of Issuance  
Switzerland

SUBMIT

**Request Inspection**  
Would you like to submit your request for inspection?

Back Yes, Submit

9:41 Review

ARRIVAL DETAILS Edit

Flight Number  
AA1234

Airline  
American

Arrival Date  
10/28/2020

Scheduled Arrival Time  
14:30

Airport Code  
MIA

Precleared or processed prior to departure?  
Yes

INSPECTION DETAILS Edit

Inspection Type  
Clean and Disinfect Footwear

TRAVELER AND PASSPORT DETAILS Edit

First Name  
John


Last Name  
Doe

Date of Birth  
October 1, 1992

Passport Number (Last 4 Digits)  
9876

Country of Issuance  
Switzerland

SUBMIT

  
This request for inspection has been successfully submitted to CBP.

Ok



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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment (Hunting Trophies)

9:41 Request Inspection

Enter inspection details below

Inspection Type  
Hunting Trophies

Is the trophy finished?  
 Yes  No

BACK CONTINUE

9:41 Request Inspection

Enter import permit details below

IMPORT PERMIT 1

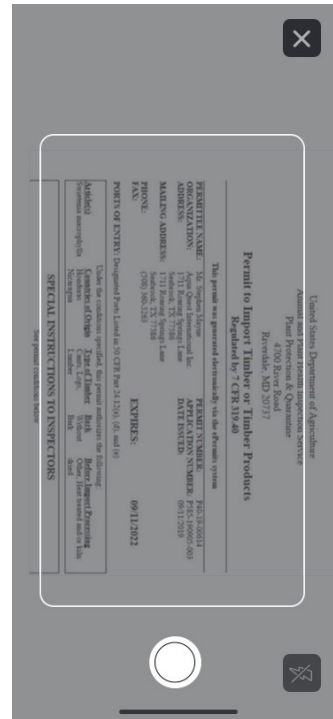
Import Permit Number  
1111111

Issuing Agency for Permit  
USDA

TAKE A PHOTO  
Take a photo of the import permit.

I have another import permit to enter

BACK CONTINUE



9:41 Request Inspection

Enter import permit details below

IMPORT PERMIT 1

Import Permit Number  
1111111

Issuing Agency for Permit  
USDA

DOCUMENT PHOTO

I have another import permit to enter

BACK CONTINUE

9:41 Request Inspection

Enter import permit details below

IMPORT PERMIT 1 Remove

Import Permit Number  
1111111

Issuing Agency for Permit  
USDA

DOCUMENT PHOTO

I have another import permit to enter

IMPORT PERMIT 2 Remove

Import Permit Number  
222222

Issuing Agency for Permit  
USDA

TAKE A PHOTO  
Take a photo of the import permit.

I have another import permit to enter

BACK CONTINUE



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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment (Hunting Trophies)

9:41 Request Inspection

Select one traveler below

**+** ADD A NEW TRAVELER

**J** John Doe  
Passport #9876

BACK CONTINUE

9:41 Request Inspection

Enter traveler and passport details

**SCAN A PASSPORT (OPTIONAL)**  
Take a photo of the page of your passport with your photo on it.

**TRAVELER DETAILS**

\* First Name  
John

\* Last Name  
Doe

\* Date of Birth  
October 1, 1992

**PASSPORT DETAILS**

\* Passport Number (Last 4 Digits)  
9876

\* Country of Issuance  
Switzerland

ADD

9:41 Review

**ARRIVAL DETAILS** Edit

Flight Number  
AA1234

Airline  
American

Arrival Date  
10/28/2020

Scheduled Arrival Time  
14:30

Airport Code  
MIA

Precleared or processed prior to departure?  
Yes

**INSPECTION DETAILS** Edit

Inspection Type  
Hunting Trophies

Is the trophy finished?  
Yes

**IMPORT PERMIT DETAILS** Edit

Import Permit Number  
00000

Issuing Agency for Permit  
Example

Import Permit Number  
00000

Issuing Agency for Permit  
Example

**TRAVELER AND PASSPORT DETAILS** Edit

First Name  
John

Last Name  
Doe

Date of Birth  
October 1, 1992

Passport Number (Last 4 Digits)  
9876

Country of Issuance  
Switzerland

SUBMIT

9:41 Review

**ARRIVAL DETAILS** Edit

Flight Number  
AA1234

Airline  
American

Arrival Date  
10/28/2020

Scheduled Arrival Time  
14:30

Airport Code  
MIA

Precleared or processed prior to departure?  
Yes

**INSPECTION DETAILS** Edit

Inspection Type  
Hunting Trophies

Is the trophy finished?  
Yes

**IMPORT PERMIT DETAILS** Edit

Import Permit Number  
00000

Issuing Agency for Permit  
Example

Import Permit Number  
00000

Issuing Agency for Permit  
Example

**TRAVELER AND PASSPORT DETAILS** Edit

First Name  
John

Last Name  
Doe

Date of Birth  
October 1, 1992

Passport Number (Last 4 Digits)  
9876

Country of Issuance  
Switzerland

SUBMIT

9:41 Review

**ARRIVAL DETAILS** Edit

Flight Number  
AA1234

Airline  
American

Arrival Date  
10/28/2020

Scheduled Arrival Time  
14:30

Airport Code  
MIA

Precleared or processed prior to departure?  
Yes

**INSPECTION DETAILS** Edit

Inspection Type  
Hunting Trophies

Is the trophy finished?  
Yes

**IMPORT PERMIT DETAILS** Edit

Import Permit Number  
00000

Issuing Agency for Permit  
Example

Import Permit Number  
00000

Issuing Agency for Permit  
Example

**TRAVELER AND PASSPORT DETAILS** Edit

First Name  
John


Last Name  
Doe

Date of Birth  
October 1, 1992

Passport Number (Last 4 Digits)  
9876

Country of Issuance  
Switzerland

SUBMIT

  
This request for inspection  
has been successfully  
submitted to CBP.  
Ok



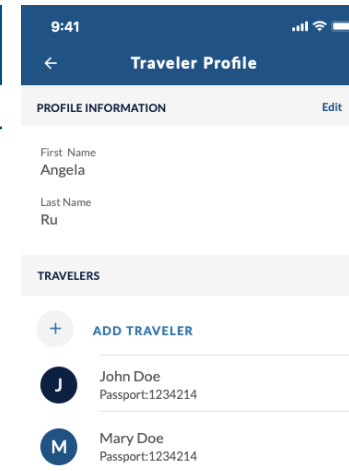
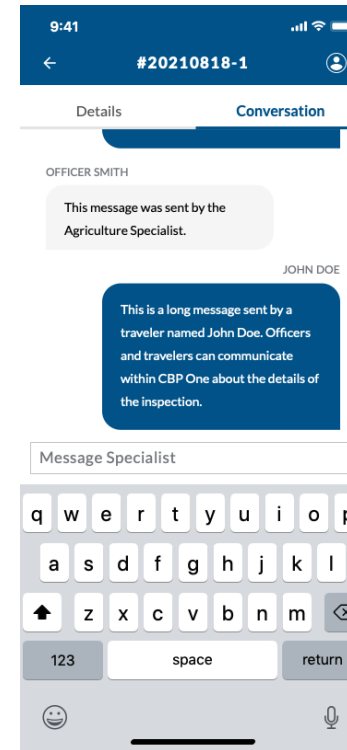
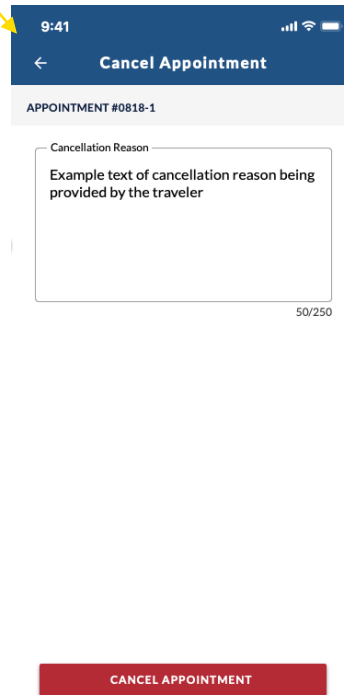
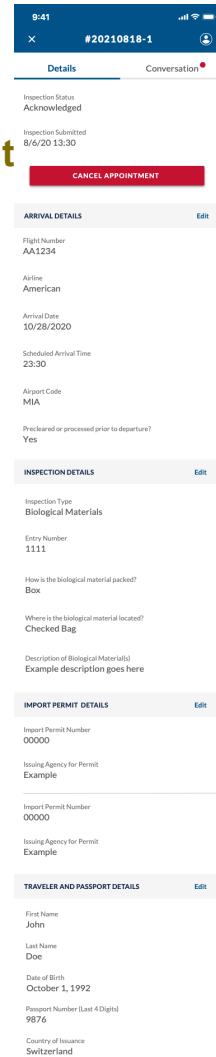
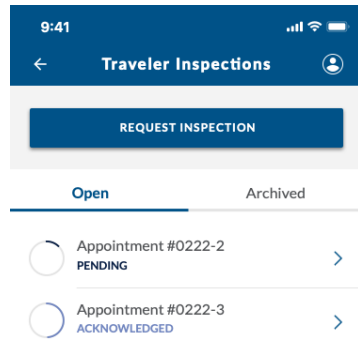
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# CBP Innovative Solutions

## CBP One - Traveler Requesting Appointment



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# Outreach Initiatives

## Expanded outreach initiatives include:

- Updated information available at [CBP.gov/biologicals](https://www.cbp.gov/biologicals)

The screenshot shows the U.S. Customs and Border Protection website. The main heading is "What you need to know before importing Biological Materials into the United States". The page includes a navigation menu with "About CBP", "Newsroom", "Travel", "Trade", "Border Security", and "Careers". A sidebar on the left lists "Trade" categories: "Basic Import and Export", "ACE and Automated Systems", "Programs and Administration", "Priority Trade Issues", "Rulings and Legal Decisions", "Stakeholder Engagement", and "Trade Facilitation and Trade Enforcement Act". The main content area contains text about federal, international, and state laws regulating biological materials, a list of examples (e.g., cell or tissue culture, vaccines, bacterins), and a grid of "Partner Government Agency permitting websites" including USDA, USFWS, EPA, CDC, FDA, and DOT.

U.S. Customs and Border Protection

HOME >> TRADE >> BASIC IMPORT EXPORT

Trade

Basic Import and Export

- > ACE and Automated Systems
- > Programs and Administration
- > Priority Trade Issues
- > Rulings and Legal Decisions
- > Stakeholder Engagement
- > Trade Facilitation and Trade Enforcement Act

### What you need to know before importing Biological Materials into the United States

Federal, international, and state laws strictly regulate shipping, transport, and import of biological materials. Federal and international regulations pertaining to the shipment of dangerous goods or hazardous materials may also apply to biological materials. Import of biological materials must be clearly marked, labeled, packaged and/or placarded in accordance with the requirements of all international, Federal and state agencies.

Biological materials are categorized, permitted, and regulated according to a variety of factors. Factors to consider include the source of the biological material; method of production or synthesis; packaging (bulk or final dosage form); terminal use in humans, animals, or research; state of infectiousness; potential as a vector of human, animal, or plant disease; and status as an endangered species (if applicable).

Examples of biological materials include:

- Cell or tissue culture (includes primary and secondary cell cultures)
- Cell/tissue culture product (includes nucleic acids [DNA/RNA]).
- Histopathological slides (fixed in formalin)
- Micro-organisms (includes recombinant DNA)
- Products of micro-organisms (includes vaccines, bacterins, and toxins)
- Test kits
- Vaccines
- Bacterins
- Toxoids
- Unused culture media

Partner Government Agency permitting websites:

 United States Department of Agriculture (USDA) Permits	 United States Fish & Wildlife Service (USFWS) Permits	 Environmental Protection Agency Requirements for Importers and Exporters
 Centers for Disease Control and Prevention (CDC) Permits	 Food & Drug Administration (FDA) Prior Notice & Review	 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration
 Joint CDC and USDA Federal Select Agent Program (FSAP)	 U.S. Department of Transportation Federal Aviation Administration (FAA) Specific Packaging & Shipping Requirements	

For additional information or clarification on importing biological materials into the United States, please contact your intended port of arrival or CBP at [apitabc@cbp.dhs.gov](mailto:apitabc@cbp.dhs.gov)



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# For additional information:

Department of Homeland Security  
U.S. Customs and Border Protection  
Office of Field Operations  
Agriculture Programs and Trade Liaison

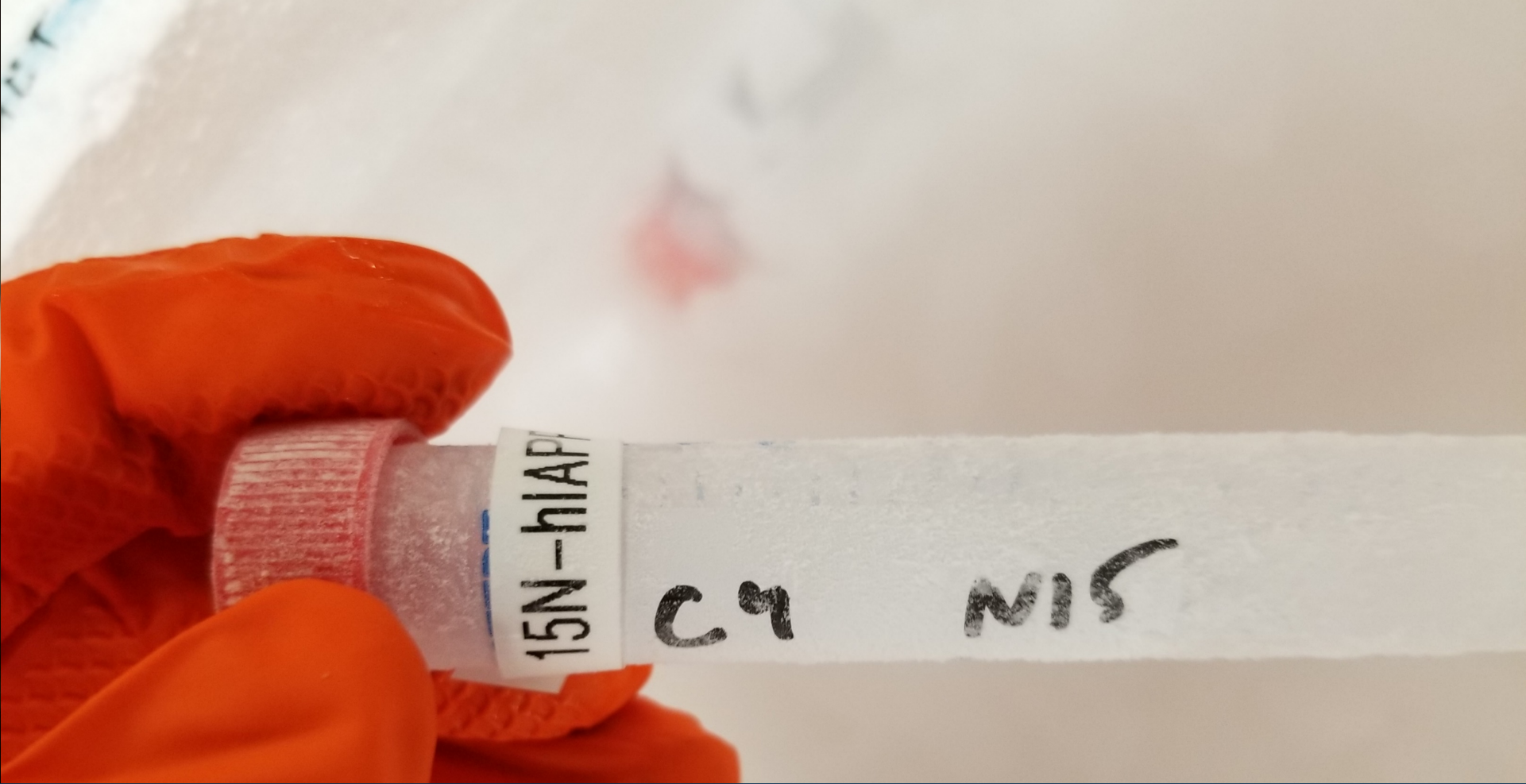


Agriculture Safeguarding and Risk Management  
Biological Threat Exclusion Branch  
Email: [APTLABTC@CBP.DHS.GOV](mailto:APTLABTC@CBP.DHS.GOV)



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Questions?

