



Pest Detection/Port Environs Surveys Field Map

2026 User Manual



Programs: Pest Detection & Port Environs
Trapping surveys for Exotic Wood Borer/Bark Beetle and Exotic Moth.
Visual surveys for Asian Longhorned Beetle, Citrus Longhorned Beetle,
and Palm Borer.

Application: ArcGIS Field Maps

Host: USDA-MRP GIS Enterprise (portal)

URL: <https://maps.mrp.usda.gov/arcgis/>

Map Title: PPQ Pest Detection/Port Environs Surveys 2026 Field Map

****Refer to the "[Mobile Data Collection Tools](#)" public webpage for all training support.****

2026 Disclaimer: Training techniques or workflows held within are designed as basic job aids. Mobile collection tools and technology used are constantly being improved upon. End users should consult with management for current workflows and standards.

CONTENTS

Overview and What's New in 2026	3
ArcGIS Enterprise (USDA-MRP GIS Portal)	4
Sign In	4
Disconnected Data Collection	4
Before You Go	5
Download Map Area(s)	5
Parking Lot Test	7
Collect Data	7
EWB/BB Trapping Surveys	9
Place an EWBBB Trap Site	9
EWB/BB Trap Activities	10
EWBBB Trap Schedule Status	11
ExM Trapping Surveys	11
Place an ExM Trap Site	11
EXM Trap Activities	12
EXM Trap Schedule Status	14
Relocate a Trap (EWB/BB or ExM)	14
Remove a Trap (EWB/BB or ExM)	14
ALB Visual Surveys	15
ALB Visual Activities	16
CLB Visual Surveys	17
CLB Visual Activities	18
Palm Borer Visual Surveys	19
Palm Borer Visual Activities	20
Daily Data Sync	21
Getting Help	22
APHIS PPQ	22
Cooperators & Other Nonfederal Users	22
All Training Resources	22
Appendix: Activity Types	23

Overview and What's New in 2026

This document provides guidelines for conducting electronic data collection for the Pest Detection and Port Environs programs using the [ArcGIS Field Maps](#) application on mobile devices. The application was developed to reflect program specifics and is intended to replace paper surveys.

In the PPQ Pest Detection/Port Environs Surveys 2026 Field Map, a new question has been added to capture the *Funding Source* for each survey record. This is to allow users to record surveys funded by either program, Pest Detection or Port Environs. *Please seek guidance from your field supervisor or the National Operations Managers regarding the proper designation for your surveys.*

A new visual survey has been added for Palm Borer (*Paysandisia archon*).

For all visual surveys (ALB, CLB, and Palm Borer) be advised that you must always record a Visual Survey Activity immediately after mapping the Visual Survey site.

Before You Go

Be sure all is ready for field data collection in disconnected mode **before** you leave. This includes downloading and testing a map area and performing a [data sync](#).

Download Map Area(s)

Requires Wi-Fi connection.

This step may be carried out or overseen by your supervisor or local GIS Specialist. If performing yourself, make sure of the appropriate Level of Detail, size, and Area of Interest.

Maps are shared to Groups. If your portal user account is added as a member to a group, you will find this group or groups listed on the Maps landing page.

From the Maps landing page, tap the appropriate Group card (named “PPQ Pest Detection Surveyors”). Within the group, locate the map card. Look for the map name given to you. If you have not downloaded a map, the map card contains an overflow menu represented by three blue dots. See the red arrow in Figure 2.

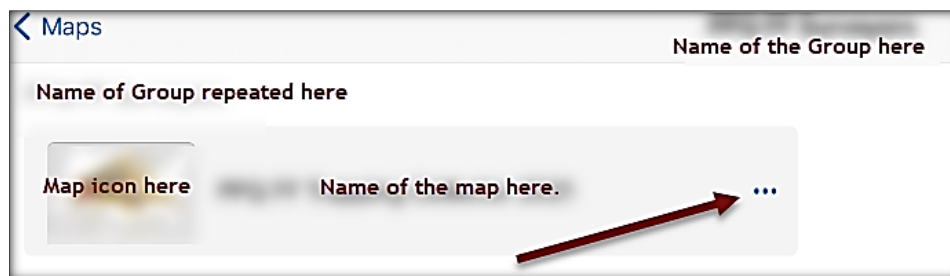


Figure 2. View of map card within a group

Tap the three blue dots to reveal the overflow menu. Next tap “Add Offline Area”. (Figure 3)

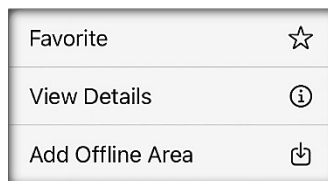


Figure 3. Overflow menu

The Add Offline Area defaults to the set map extent and basemap type. A name is assigned automatically (Area 1, etc.) which can be changed once the map successfully downloads. The Level of detail starts at the highest level of detail: Room. This is nearly always too much detail. (Figure 4)

Steps to downloading a map area:

1. Change level of detail
Tap the blue word “Room” and choose the level decided by your supervisor...usually “Streets” or lower.
2. Center on location assigned
Tap the blue arrow at the top right corner of the map to center on your current GPS location OR Use two fingers to zoom in or out. Tap, hold, and drag to center the map as you wish.

Wait for the map to display completely.

3. Tap “Download Area”

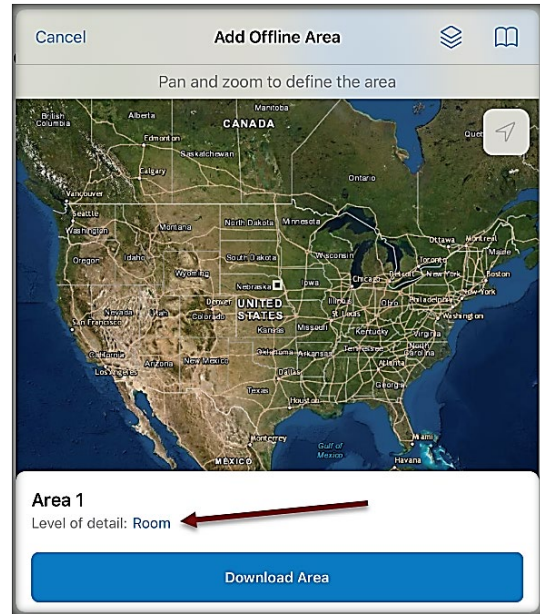


Figure 4. Add Offline Area

The new offline map card is created with a progress message – “Downloading” and a blue progress circle updating the status of the download. (Figure 5)

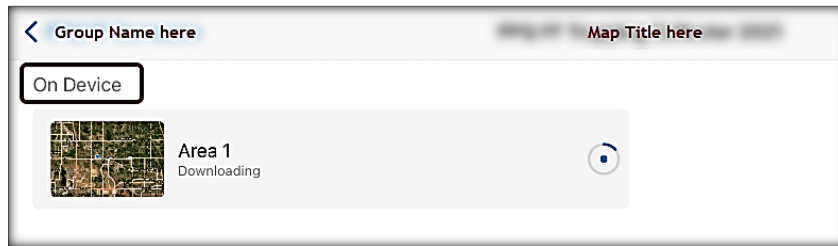


Figure 5. Map area download in progress

Once the download is complete, the progress messaging updates to indicate the size of the download and when it was downloaded to the device. The progress bar circle changes to an overflow menu. (Figure 6)

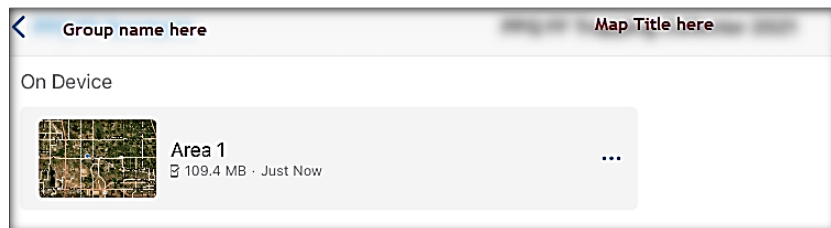


Figure 6. Map area download complete

It is highly recommended that you rename downloaded map areas. Use the naming convention established by your supervisor.

To rename a map area, tap the overflow menu on the map area card, tap “Rename” and type in a new name. (Figure 7)

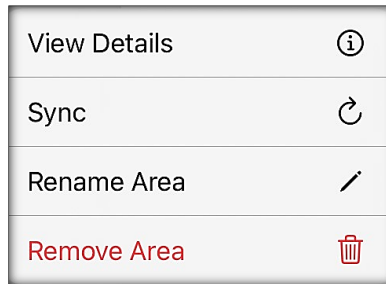


Figure 7. Downloaded map area overflow

Never assume you are prepared for offline data collection. ALWAYS perform a test in the parking lot each day before you leave for the field. For a sample set of steps to test your readiness, see the next section on [Parking Lot Test](#).

Parking Lot Test

From the Settings application on your device:

1. Turn Wi-Fi OFF (on a phone: also turn off Cellular Data)
2. Turn Location Services ON
3. Open the ArcGIS Field Maps app
4. Locate and open the offline map area:
 - a. Zoom in/out
 - b. Tap the add data button to be sure the data form appears to the left with GPS reading in blue (not red)
 - c. Tap “Cancel”
 - d. Then “Discard” that point

You have confirmed offline use. Now you are ready to head out to the field!

**If you do not see your map or it does not open as expected or you are not signed in...
Go back inside, connect back to Wi-Fi, and try again.**


Collect Data

Reminder! Synchronize your map at the beginning and the end of each workday.

ArcGIS Field Maps automatically opens in the last map view used. If the [Before You Go](#) steps were performed, opening ArcGIS Field Maps should also open the previously downloaded map area. Tap the back arrow at the top left of the screen to locate the appropriate downloaded map area for data collection, if needed.

****Always follow program survey protocol to determine suitable locations for performing surveys.**

The PPQ Pest Detection/Port Environs Surveys 2026 Field Map includes EWB/BB, ExM, ALB, CLB, and Palm Borer surveys. There are many layers within the map, which are placed in groups according to survey type. All editable data collection layers are switched on by default when you first download the map. Toggling the visibility of groups or layers within the layer list will help keep the map organized as you switch among the surveys. A blue toggle switch indicates the group or layer is visible. (Figure 8)

Tap the layers icon  to view the list of layers available. Tap the toggle switch to the right of a group name to collapse or expand that group. Tap the toggle switch of the desired layer name to make it visible for data entry or reference.

The following sections will demonstrate how to add data for each survey type.

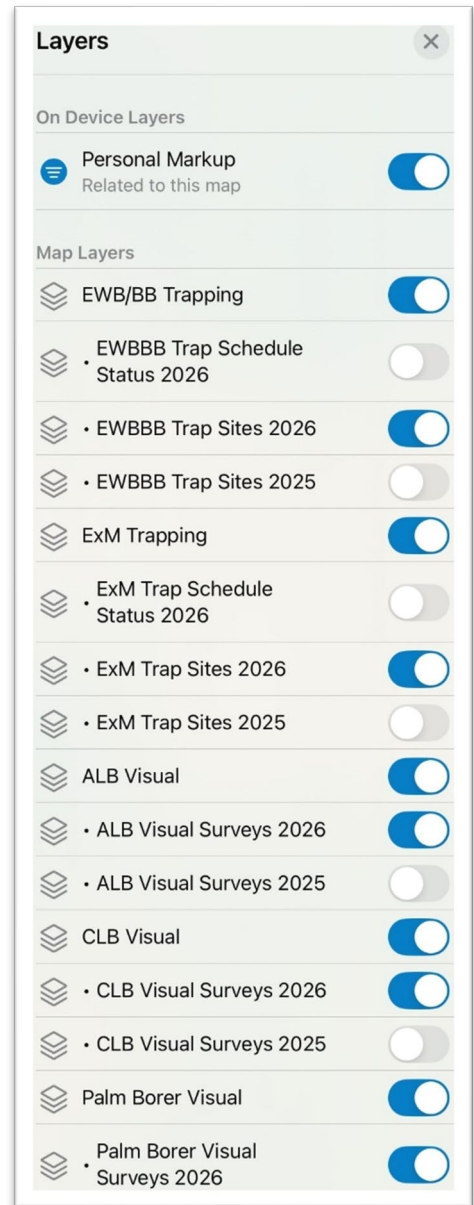




Figure 8. *Layers list*

EWB/BB Trapping Surveys

Place an EWBBB Trap Site

When? The first data entry in the *EWBBB Trap Sites 2026* layer establishes a location for the trap site.

All future visits to this site are considered [trap activities](#) and are recorded in the *EWBBB Trap Activities 2026* table associated with that location.

1. Tap the layers icon  and tap the toggle switch to the right of the desired layer name to make the *EWBBB Trap Sites 2026* layer visible for data entry. A blue toggle switch indicates the layer is visible. (Figure 9)
2. Stand near the survey location.
3. Tap the blue icon with the white plus sign  located in the lower-right corner of the screen. The list of choices for EWB/BB trap types will be displayed. (Figure 10)
4. Choose the correct trap type you installed at this location.
5. Fill out the main data form. * Asterisks indicate mandatory fields. Optional fields should be completed following survey protocol. Verify the Install Date entry is correct.
6. Review your entered data carefully prior to submitting the form.
7. Tap the Submit button on the upper-right corner of the form to save the new survey record.

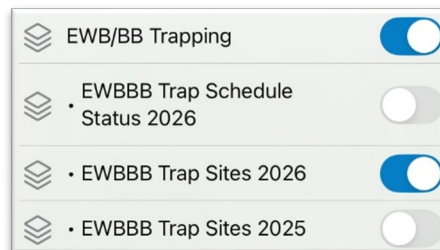


Figure 9. *EWB/BB Trapping layers group*

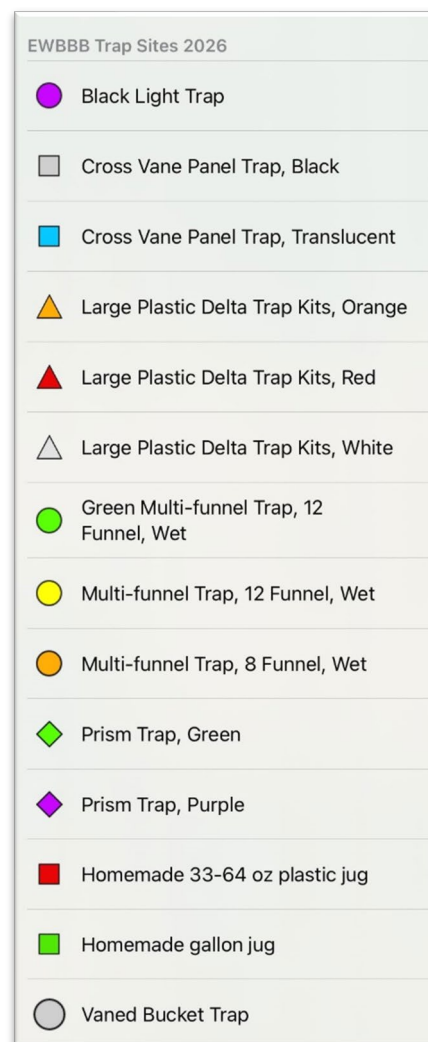


Figure 10. *EWBBB Trap Types*

NOTES:

All trap sites default to a “Current” schedule status initially and schedule status is maintained by GIS.

If the Submit button fails, you have not completed all required fields or GPS accuracy requirements were not met.

EWB/BB Trap Activities

Once a trap is placed, an action performed on any future visit is considered a Trap Activity. An overview of the process is illustrated below. (Figure 11)



Figure 11. Record a trap activity

The following steps indicate the general pattern of data entry for a trap activity. For details on when and how to apply each Activity Type, see [Appendix: Activity Types](#)

1. Locate the appropriate trap site and tap its symbol on the map. When selected, the point's symbol is highlighted in cyan, and the *EWBBB Trap Sites 2026* data form opens. Select carefully (by zooming in) and verify the point selected is correct by reviewing the *Trap ID* or other unique field.

2. Tap the “Related” link button (Figure 12) or scroll down the *EWBBB Trap Sites 2026* popup window and tap "EWBBB Trap Activities 2026".

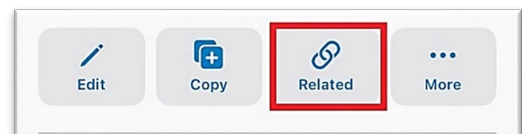


Figure 12. Related activities link

3. Tap the blue Add button to add a new activity. (Figure 13)

4. Fill out the activity data form. * Asterisks indicate mandatory fields. Optional fields should be completed following survey protocol. Verify the *Activity Date* field is correct.

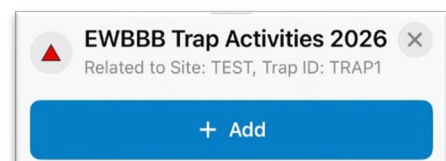


Figure 13. Add an activity

5. Verify all is correct and tap **Submit** in the upper right corner of the screen to complete the activity entry.

NOTE: Choosing “Remove Trap”, “Remove Trap (Missing)”, or “Remove Trap (Inaccessible)” as the activity type does not remove the symbol on the map but records a final activity of remove on the historic data record for that site. A nightly script will update the map symbology to Inactive.

EWBBB Trap Schedule Status

Defaulted to OFF, the EWBBB Trap Schedule Status layer is updated nightly to indicate trap sites that are:

- “Current” - trap servicing is up-to-date
- “Due” - trap needs servicing
- “Inactive” - trap is no longer present at site

When the layer is enabled, the trap status symbols display on top of the EWBBB Trap Sites layer on the map. (Figure 14)

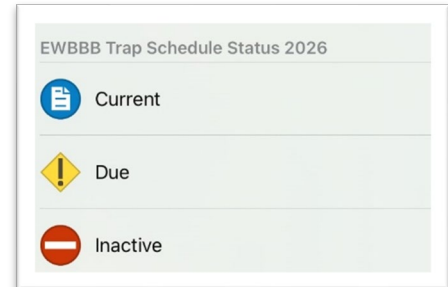


Figure 14. EWBBB Trap Schedule Status legend



ExM Trapping Surveys

Place an ExM Trap Site

When? The first data entry in the *ExM Trap Sites 2026* layer establishes a location for the trap site.

All future visits to this site are considered [trap activities](#) and are recorded in the ExM Trap Activities table associated with that location.

Reference layer names may vary, depending on the state collecting data.

1. Tap the layers icon  and tap the toggle switch to the right of the desired layer name to make the *ExM Trap Sites 2026* layer visible for data entry. A blue toggle switch indicates the layer is visible. (Figure 15)
2. Stand near the survey location.
3. Tap the blue icon with the white plus sign  located in the lower-right corner of the screen. The list of choices for EWB/BB trap types will be displayed. (Figure 16)

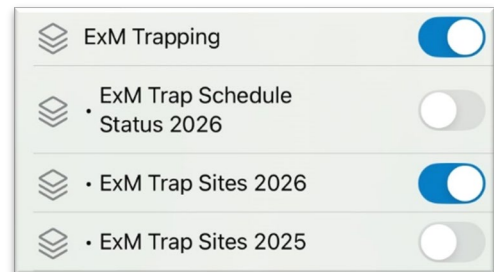


Figure 15. ExM Trapping layers group

4. Fill out the main data form.
 * Asterisks indicate mandatory fields.
 Optional fields should be completed following survey protocol.
 Verify the *Install Date* entry is correct.
5. Review your entered data carefully prior to submitting the form.
6. Tap the **Submit** button on the upper-right corner of the form to save the new survey record.

NOTE:

If the Submit button fails, you have not completed all required fields or GPS accuracy requirements were not met.















ExM Trap Sites 2026	
	Large Plastic Delta Trap Kits, Orange
	Large Plastic Delta Trap Kits, Red
	Large Plastic Delta Trap Kits, White
	Paper Delta Trap, 2 sticky sides, Brown
	Paper Delta Trap, 2 sticky sides, Green
	Paper Delta Trap, 2 sticky sides, Orange
	Paper Delta Trap, 3-sticky sides, Orange
	Milk Carton Trap
	Plastic Bucket Trap
	Wing Trap Kit, Paper
	Wing Trap Kit, Plastic
	Homemade 5-Gallon Bucket Trap
	Palm Weevil Bucket Trap
	Palm Weevil Cone Trap

Figure 16. *ExM Trap Types*

EXM Trap Activities

Once a trap is placed, an action performed on any future visit is considered a Trap Activity. An overview of the process is illustrated below. (Figure 17)



Figure 17. Record a trap activity

1. Locate the appropriate trap site and tap its symbol on the map. When selected, the point's symbol is highlighted in cyan, and the *ExM Trap Sites 2026* data form opens on the left side of the screen.

Select carefully (by zooming in) and verify the point selected is correct by reviewing the *Trap ID* or other unique field.

2. Tap the "Related" link button (Figure 18) or scroll down the *ExM Trap Sites 2026* popup window and tap "ExM Trap Activities 2026".



Figure 18. Related activities link

3. Tap the blue Add button to add a new activity. (Figure 19)
4. Fill out the activity data form.
* Asterisks indicate mandatory fields.
Optional fields should be completed following survey protocol.
Verify the *Activity Date* field is Today.

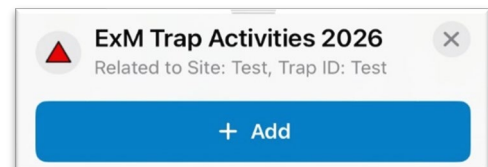


Figure 19. Add a new activity

5. Verify all is correct and tap **Submit** in the upper right corner of the screen to complete the activity entry.

NOTE: Choosing "Remove" as the activity type does not remove the symbol on the map but records a final activity of remove on the historic data record for that site. A nightly script will update the map symbology to Inactive. The nightly script will also update the Pest Status on the Trap Site from the trap activity.

EXM Trap Schedule Status

Defaulted to OFF, the ExM Trap Schedule Status layer is updated nightly to indicate trap sites that are:

- “Current” - trap servicing is up-to-date
- “Due” - trap needs servicing
- “Inactive” - trap is no longer present at site

When the layer is enabled, the trap status symbols display on top of the ExM Trap Sites layer on the map. (Figure 20)

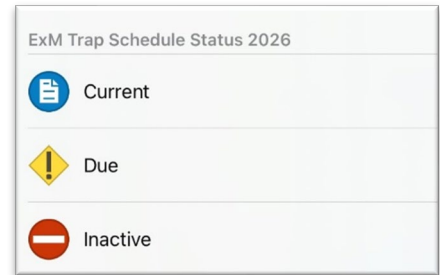
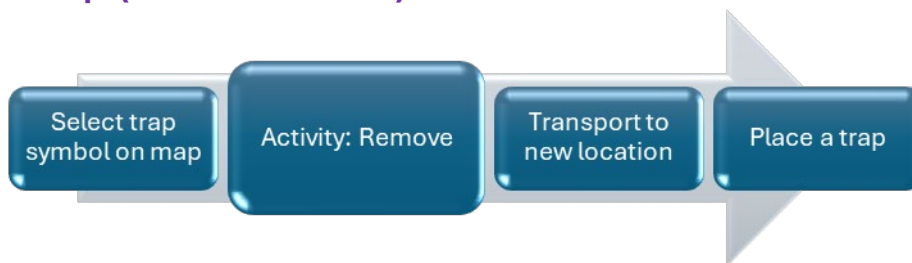


Figure 20. ExM Trap Schedule Status legend

Relocate a Trap (EWB/BB or ExM)



1. Tap the trap symbol on the map to select it. The popup window for the trap site opens.
2. Enter a Trap Activity of “Remove”.
3. Transport the trap to its new location.
4. Complete steps to [Place an EWB/BB Trap Site](#) or [Place an ExM Trap Site](#), as appropriate.

Remove a Trap (EWB/BB or ExM)





1. Tap the trap symbol on the map to select it. The popup window for the trap site opens.
2. Enter a Trap Activity of “Remove”.

NOTE: Choosing “Remove”, “Remove (Missing)”, or “Remove (Inaccessible)” as the activity type does not remove the symbol on the map but records a final activity of remove on the historic data record for that site.

ALB Visual Surveys

When? The first data entry in the *ALB Visual Survey 2026* layer establishes a location for the visual survey.

All future visits to this site are considered [visual activities](#) and are recorded in the *ALB Visual Activities 2026* table associated with that location.

1. Tap the layers icon  and tap the toggle switch to the right of the desired layer name to make additional layers visible for data entry. A blue toggle switch indicates the layer is visible. (Figure 21)
2. Stand near the survey site.
3. Tap the blue icon with the white plus sign  located in the lower-right corner of the screen and choose New ALB Visual Survey. (Figure 22)
4. Fill out the main data form.
* Asterisks indicate mandatory fields.
Optional fields should be completed following survey protocol.
5. Review your entered data carefully prior to submitting the form.
6. Tap the **Submit** button on the upper-right corner of the form to save the new survey record.

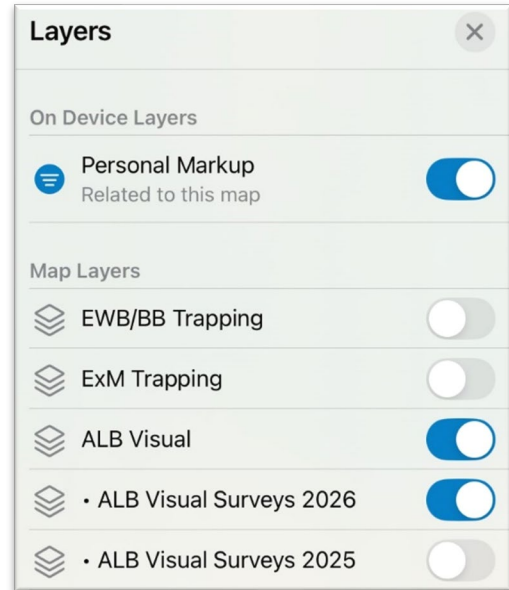


Figure 21. Map Layers menu with ALB Visual Surveys 2026 toggled on

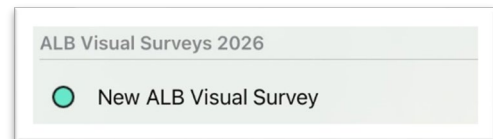


Figure 22. Add New ALB Visual Survey site

NOTES:

If the Submit button fails, you have not completed all required fields or GPS accuracy requirements were not met.

Immediately after recording the Visual Survey site, you must next enter a Survey Activity to describe your findings at the site. See next section.

ALB Visual Activities

1. Within the *ALB Visual Surveys 2026* popup window displaying the survey site you just added, tap the “Related” link button (Figure 23) or scroll down the popup window and tap “ALB Visual Activities 2026”.



Figure 23. Related activities link

2. Tap the blue Add button to add a new activity. (Figure 24)

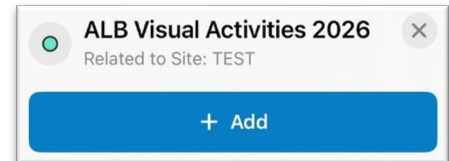


Figure 24. Add an activity

3. When the visual survey activity form opens, there are two buttons to “Take Photo” and “Attach”. The visual survey activity form allows for photos to be attached to each activity. The photos should be related to the *Observation Details* in the activity form to document possible egg masses, exit holes, adult specimen or larval specimen. (Figure 25)

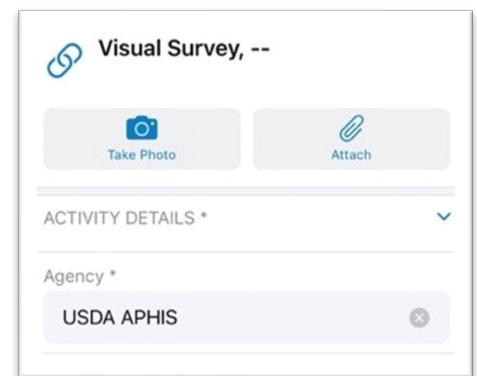


Figure 25. Add a photo

4. Tap the **Take Photo** icon to take a picture using your mobile device’s camera. Then, tap **Allow** to give Field Maps the permission to access and open the mobile device’s camera.
5. If a photo has already been taken before starting the visual survey activity, tap **Attach** and then tap **Choose Photo or Video** to access your photo library. Allow Field Maps full access to the photo library. Choose the photo to attach to the visual survey activity and tap **Add**. (Figure 26)
6. Fill out the activity data form.
* Asterisks indicate mandatory fields.
Optional fields should be completed following survey protocol.
Verify the *Activity Date* field is correct.
7. Verify all is correct and tap **Submit** in the upper right corner of the screen to complete the activity entry.

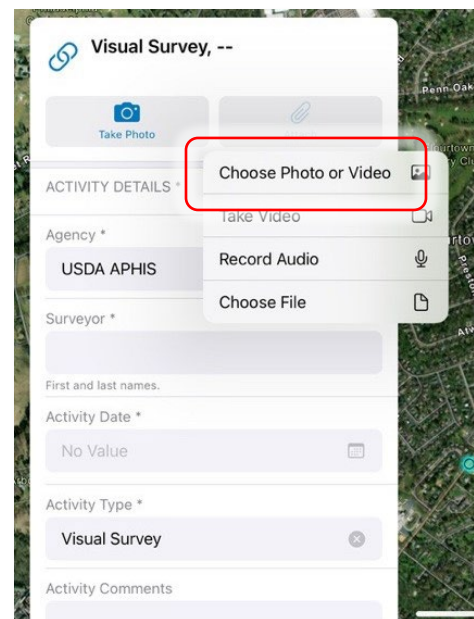




Figure 26. Choose photo from photo gallery

CLB Visual Surveys

When? The first data entry in the *CLB Visual Survey 2026* layer establishes a location for the visual survey.

All future visits to this site are considered [visual activities](#) and are recorded in the *CLB Visual Activities 2026* table associated with that location.

1. Tap the layers icon  and tap the toggle switch to the right of the desired layer name to make additional layers visible for data entry. A blue toggle switch indicates the layer is visible. (Figure 27)
2. Stand near the survey site.
3. Tap the blue icon with the white plus sign  located in the lower-right corner of the screen and choose New CLB Visual Survey. (Figure 28)
4. Fill out the main data form.
* Asterisks indicate mandatory fields.
Optional fields should be completed following survey protocol.
5. Review your entered data carefully prior to submitting the form.
6. Tap the **Submit** button on the upper-right corner of the form to save the new survey record.

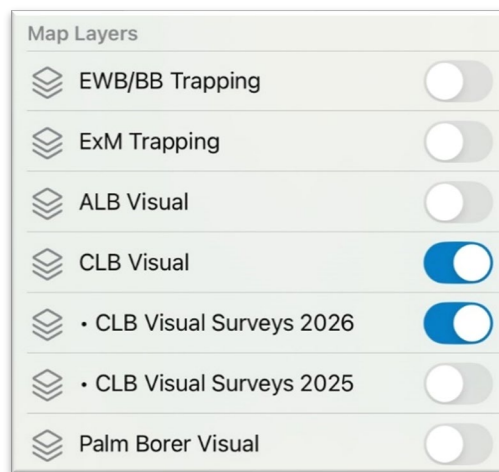


Figure 27. Map Layers menu with CLB Visual Surveys 2026 toggled on

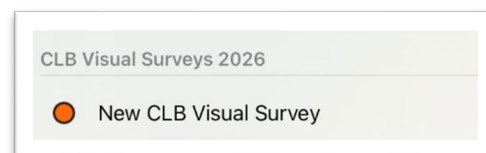


Figure 28. Add New CLB Visual Survey site

NOTES:

If the Submit button fails, you have not completed all required fields or GPS accuracy requirements were not met.

Immediately after recording the Visual Survey site, you must next enter a Survey Activity to describe your findings at the site. See next section.

CLB Visual Activities

1. Within the *CLB Visual Surveys 2026* popup window displaying the survey site you just added, tap the “Related” link button (Figure 29) or scroll down the popup window and tap “CLB Visual Activities 2026”.



Figure 29. Related activities link

2. Tap the blue Add button to add a new activity. (Figure 30)

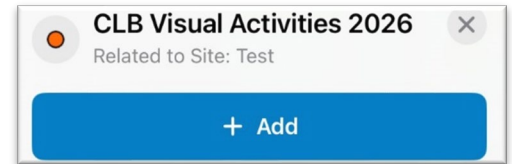


Figure 30. Add an activity

3. When the visual survey activity form opens, there are two buttons to “Take Photo” and “Attach”. The visual survey activity form allows for photos to be attached to each activity. The photos should be related to the *Observation Details* in the activity form to document possible egg masses, exit holes, adult specimen or larval specimen. (Figure 31)

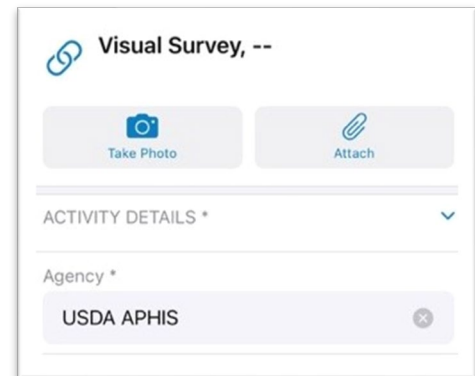


Figure 31. Add a photo

4. Tap the **Take Photo** icon to take a picture using your mobile device’s camera. Then, tap **Allow** to give Field Maps the permission to access and open the mobile device’s camera.
5. If a photo has already been taken before starting the visual survey activity, tap **Attach** and then tap **Choose Photo or Video** to access your photo library. Allow Field Maps full access to the photo library. Choose the photo to attach to the visual survey activity and tap **Add**. (Figure 32)

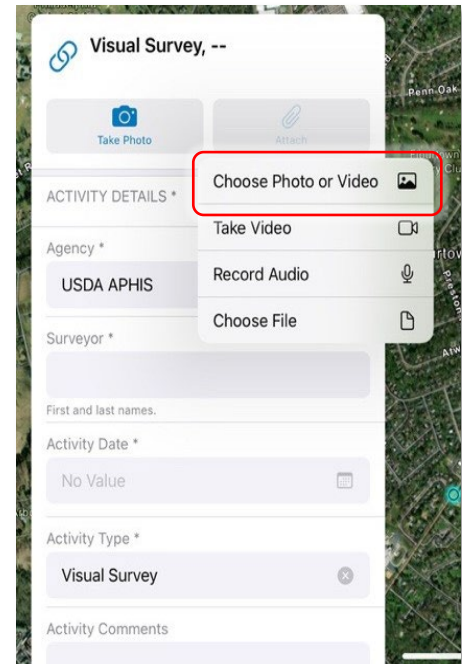




Figure 32. Choose photo from photo gallery

6. Fill out the activity data form.
* Asterisks indicate mandatory fields.
Optional fields should be completed following survey protocol.
Verify the *Activity Date* field is correct.
7. Verify all is correct and tap **Submit** in the upper right corner of the screen to complete the activity entry.

Palm Borer Visual Surveys

When? The first data entry in the *Palm Borer Visual Survey 2026* layer establishes a location for the visual survey.

All future visits to this site are considered [visual activities](#) and are recorded in the *Palm Borer Visual Activities 2026* table associated with that location.

1. Tap the layers icon  and tap the toggle switch to the right of the desired layer name to make additional layers visible for data entry. A blue toggle switch indicates the layer is visible. (Figure 33)
2. Stand near the survey site.
3. Tap the blue icon with the white plus sign  located in the lower-right corner of the screen and choose New Palm Borer Visual Survey. (Figure 34)
4. Fill out the main data form.
* Asterisks indicate mandatory fields.
Optional fields should be completed following survey protocol.
5. Review your entered data carefully prior to submitting the form.
6. Tap the **Submit** button on the upper-right corner of the form to save the new survey record.

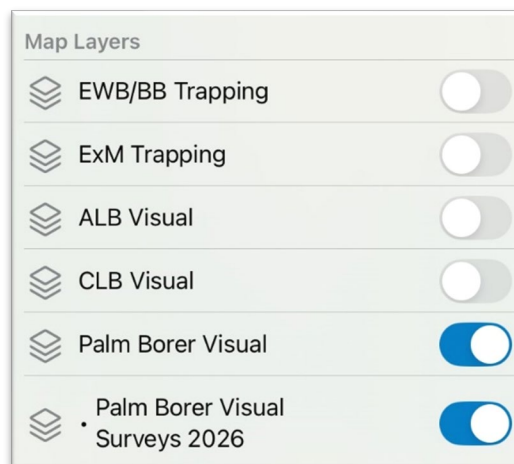


Figure 33. Map Layers menu with Palm Borer Visual Surveys 2026 toggled on

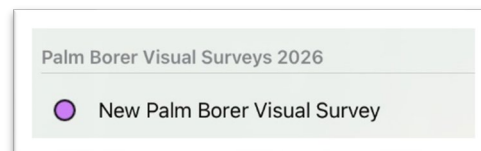


Figure 34. Add New Palm Borer Visual Survey site

NOTES:

If the Submit button fails, you have not completed all required fields or GPS accuracy requirements were not met.

Immediately after recording the Visual Survey site, you must next enter a Survey Activity to describe your findings at the site. See next section.

Palm Borer Visual Activities

1. Within the *Palm Borer Visual Surveys 2026* popup window displaying the survey site you just added, tap the “Related” link button (Figure 35) or scroll down the popup window and tap “Palm Borer Visual Activities 2026”.

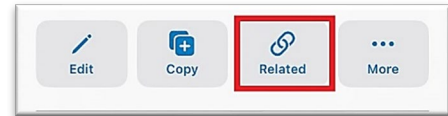


Figure 35. Related activities link

2. Tap the blue Add button to add a new activity. (Figure 36)

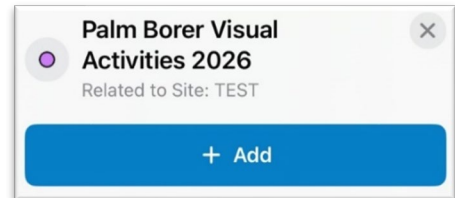


Figure 36. Add an activity

3. When the visual survey activity form opens, there are two buttons to “Take Photo” and “Attach”. The visual survey activity form allows for photos to be attached to each activity. The photos should be related to the *Observation Details* in the activity form to document possible leaf damage, exit holes, adult specimen or larval specimen. (Figure 37)

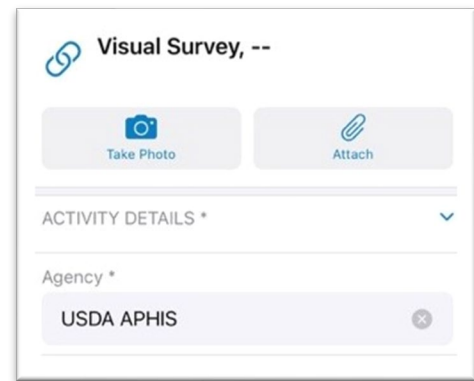


Figure 37. Add a photo

4. Tap the **Take Photo** icon to take a picture using your mobile device’s camera. Then, tap **Allow** to give Field Maps the permission to access and open the mobile device’s camera.
5. If a photo has already been taken before starting the visual survey activity, tap **Attach** and then tap **Choose Photo or Video** to access your photo library. Allow Field Maps full access to the photo library. Choose the photo to attach to the visual survey activity and tap **Add**. (Figure 38)

6. Fill out the activity data form.
* Asterisks indicate mandatory fields.
Optional fields should be completed following survey protocol.
Verify the *Activity Date* field is correct.
7. Verify all is correct and tap **Submit** in the upper right corner of the screen to complete the activity entry.

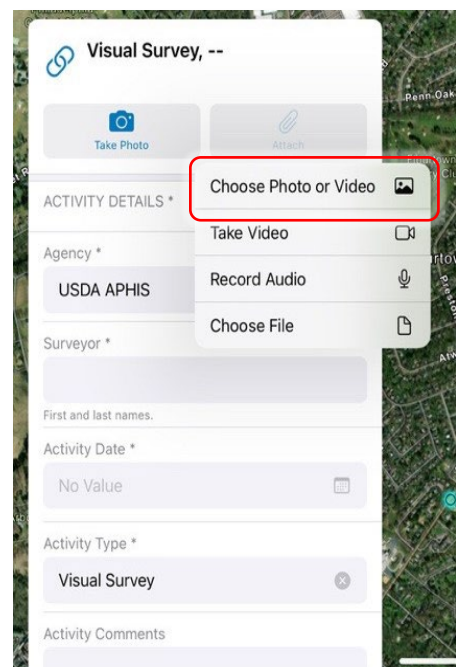


Figure 38. Choose photo from photo gallery

Daily Data Sync

****Sync your data first thing in the morning AND last thing at night – DAILY!**

This process both pushes your data collection out and brings in other edits to your map. Be sure you are connected to a strong Wi-Fi network.

If you are unable to sync your device, ask for help right away. **Your data may be at risk if you delay synchronizing your device.**

Be sure you are connected to a strong Wi-Fi network.

Be sure **Auto-Sync is OFF**. Tap the sync button  and then toggle to disable Auto-Sync. (Figure 39)

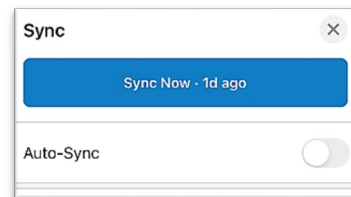


Figure 39. Auto-Sync toggled to OFF

You may choose the sync icon from within a map area. Tap the sync icon at the top right of the map. (Figure 40)

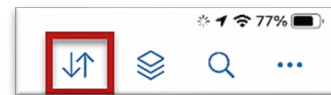


Figure 40. Icon menu within the map

OR

You may also choose to sync by choosing the ellipsis menu found on each Offline Area. You will have the option to Sync, Rename, or Remove Area. (Figure 41)

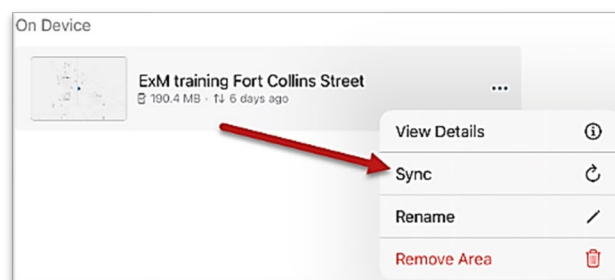


Figure 41. Offline Area menu

Getting Help

APHIS PPQ

Before requesting technical support, be prepared with detailed information, including the name of the map, and error messaging experienced. Be as specific as possible. Include screenshots, any troubleshooting you have performed, and indicate the type of device (iPad, laptop, phone, etc.).

For APHIS PPQ users, if you are having issues with the iPad, laptop, Wi-Fi settings, or issues dealing with installing software, please visit the [CEC's Digital Workplace](#), or send an email using this shortcut on your Desktop. (Figure 42)

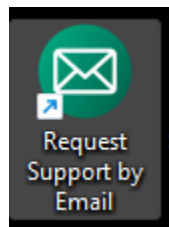


Figure 42. Request Support by Email

If you need technical support or help using the ArcGIS Field Maps application, follow this order:

1. Your field supervisor
2. Local GIS Specialist that supports your area
3. Email WebGIS.Connect@usda.gov

Cooperators & Other Nonfederal Users

Contact your State Plant Health Director's office for assistance.

All Training Resources

As new applications and programs are supported, newly created training documents and self-paced training videos are shared on the APHIS public facing website:

[Mobile Data Collection Tools](#)

Bookmark this site. Visit often. Provide feedback and ideas freely to the End User Tools Group.

Appendix: Activity Types

Inaccessible - The trap is inaccessible and cannot be monitored or serviced during this visit. No other Trap Activities can be performed at this visit. The surveyor should attempt to monitor the trap at the next visit. If the trap is still inaccessible at the next visit, the surveyor should choose Remove Trap (Inaccessible) as the Trap Activity at that visit.

Monitor - The trap is monitored. Samples are collected if present in the trap. If a surveyor performs a different trap activity (ex: replace lure, replace trap, etc.), then the surveyor does not need to enter a Monitor trap activity. It is assumed that the trap will be monitored when a lure or trap is replaced. Surveyors should monitor traps during every trap activity unless the trap is inaccessible.

NOTE: For trapping surveys, the trap must be checked, and samples collected every two weeks.

Remove Trap - The trap and all trap components are being removed because either the survey has ended, or the trap needs to be moved to a new location. Choosing Remove Trap as the activity type does not remove the symbol on the map but records a final activity of remove on the historic data record for that site.

Remove Trap (Inaccessible) - The trap and all trap components are being removed because surveyors can no longer access the trap site. Choosing Remove (Inaccessible) as the activity type does not remove the symbol on the map but records a final activity of remove on the historic data record for that site.

Remove Trap (Missing) - The trap is missing. Choosing Remove (Missing) as the activity type does not remove the symbol on the map but records a final activity of remove on the historic data record for that site.

Replace Lure - The lure is replaced because it is time to replace the lure based on lure length of effectiveness. The surveyor should also monitor the trap and collect samples at this time. No Monitor activity needs to be entered, as it is understood that the surveyor will monitor the trap when replacing a lure or replacing a trap.

NOTE: For Khapra Beetle, the lures need to be changed every 28 days.

Replace Lure (Missing) - The lure is replaced because the lure is damaged or missing. The trap should also be monitored at this time. No Monitor activity needs to be entered, as it is understood that the surveyor will monitor the trap when replacing a lure or replacing a trap.

Replace Trap - The trap is replaced because it is damaged. The surveyor should also monitor the trap and collect samples at this time, if possible. No Monitor activity needs to be entered, as it is understood assumed that the surveyor will monitor the trap when replacing a lure or replacing a trap.

Replace Trap (Missing) - The trap is replaced because it is missing.