



ArcGIS Field Maps Sign-In Process

Environment: USDA MRP GIS Enterprise Portal

Internal Users

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OVERVIEW

This document describes how Internal users can sign in to the USDA MRP GIS Enterprise Portal using the ArcGIS Field Maps application on Apple (iPhone or iPad) or Android mobile devices.

USDA MRP GIS Enterprise Portal URL:
<https://maps.mrp.usda.gov/arcgis/>.

An internal user is a full-time USDA APHIS PPQ employee who has Enterprise Active Directory (EAD) account with government email address (usda.gov) and eAuthentication Level 2 credentials.

USER ACCOUNT REQUIREMENTS

An internal user should have a User Management Service ([UMS](#)) active account with the "MRP USDA Mobile Worker" role in the MRP Enterprise Portal environment.
Refer to the [MRP GIS Portal Access Process](#) guide.

Internal users must sign in to the USDA MRP GIS Portal to establish a new user account and then sign in to this environment at least once every 30 days to keep the account enabled. To establish a USDA MRP GIS Portal user account, open [USDA MRP GIS Portal](#) home page through a web browser using eAuthentication (eAuth) credentials and then close it.

- USDA MRP GIS Portal home page link: <https://maps.mrp.usda.gov/arcgis/home>

- If your account on the USDA MRP GIS Portal is disabled, send email to WebGIS.Connect@usda.gov requesting to enable your account.

GROUP MEMBERSHIP REQUIREMENTS

A user must be a member of the appropriate group on the USDA MRP GIS Portal to have access to maps hosted in that group. There are two ways to check your membership of a group.

Through a mobile device:

1. Open the ArcGIS Field Maps application on your mobile device.
2. Sign in to the USDA MRP GIS Portal. The application will open to the main map gallery, displaying the names of maps shared with you and the groups hosting these maps.

Through a web browser:

1. Open the USDA MRP GIS Portal home page <https://maps.mrp.usda.gov/arcgis/home> through a web browser.
2. Click Groups at the top of the main navigation bar.

The group name typically carries the name or abbreviation of the program., e.g. SLF for Spotted Lanternfly or BTM for Box Tree Moth. Your supervisor can tell you which group(s) you should join.

If the group is not visible to you, you or your supervisor should send email to WebGIS.Connect@usda.gov requesting membership in the proper group.

MOBILE DEVICE REQUIREMENTS

The ArcGIS Field Maps application is automatically installed on a PPQ smartphone and/or on a PPQ survey tablet after a mobile device is successfully enrolled into Microsoft Endpoint Management – Intune.

The Intune Enrollment process must be completed by the Internal mobile device user. The internal user must submit an Intune Enrollment request to the Chief Information Officer (OCIO) Client Experience Center (CEC) Infrastructure Operations Division (IOD) Telecommunications Administration Services Branch (TASB) Mobile Services Support Section (MSSS). Refer to the [Intune Enrollment Request](#) guide.

During the Intune Enrollment process internal users must have completed the creation of a Microsoft Passkey on their mobile device, as explained in the Knowledge Based Article: <https://usdacts-myit.fed.onbmc.com/dwp/app/#/knowledge/KBA00161139/rkm>

SIGNING IN STEPS

iPhone or iPad

Confirm the following are in place:

1. Apple phone or tablet that was Intune Enrolled and for which a Microsoft Passkey is configured.
2. A reliable Wi-Fi connection.
3. A USDA MRP GIS Portal account with a USDA Mobile Worker role.
4. Membership in the group in which the survey map is hosted in the USDA MRP GIS Portal.

Locate the ArcGIS Field Maps application icon and tap to open it. (Figure 1)



Figure 1. ArcGIS Field Maps application icon

Select “Sign in with ArcGIS Enterprise”. (Red box in Figure 2)



Figure 2. ArcGIS Field Maps sign in screen

On first opening the application, you will have to add the ArcGIS Enterprise URL. Once established, your device saves this as a sign in option. The dark red box in Figure 3 indicates a saved URL and the yellow box in Figure 3 highlights the option to “Specify a New URL”.

Specify a New URL.

If choosing to “Specify a New URL”, the URL is entered manually using the keyboard. Check it carefully and then tap “OK”. (Figures 3 & 4)



Figure 3. Sign in with ArcGIS Enterprise options

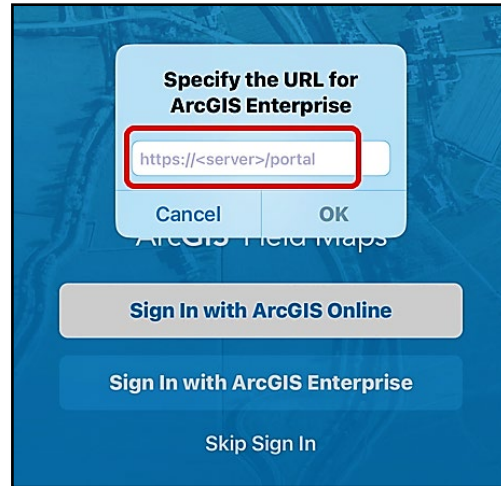


Figure 4. Specify a New URL

Official Data Collection URL

USDA-MRP GIS Production Portal: <https://maps.mrp.usda.gov/arcgis>

Next you may be asked to confirm “usda.gov” to Sign In. Select “Continue”. (Figure 5)



Figure 5. Confirm to use usda.gov to sign in

Select blue “eAuth or Login.gov Account” button. (Figure 6)

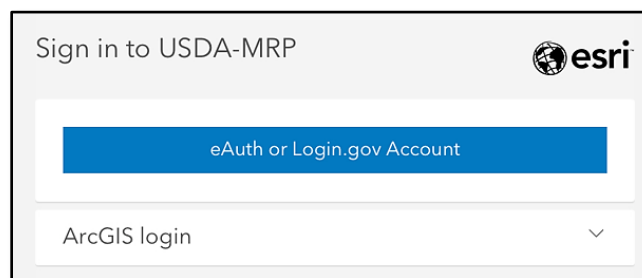


Figure 6. Sign in to USDA-MRP with eAuth account

Select “USDA Employee/Contractor” from the user type options. (Figure 7)

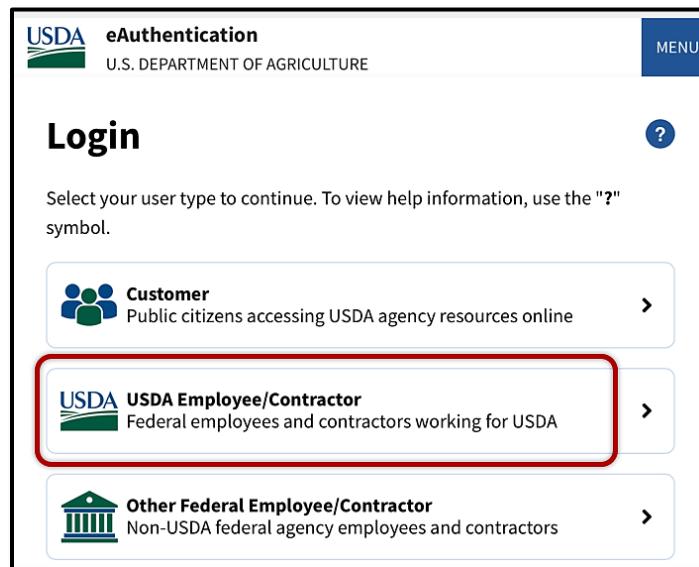
The image shows the USDA eAuthentication login page. At the top, it says "USDA eAuthentication" and "U.S. DEPARTMENT OF AGRICULTURE". There is a "MENU" button in the top right. The main heading is "Login" with a help icon. Below the heading, it says "Select your user type to continue. To view help information, use the '?' symbol." There are three user type options, each with an icon and a description: "Customer" (Public citizens accessing USDA agency resources online), "USDA Employee/Contractor" (Federal employees and contractors working for USDA), and "Other Federal Employee/Contractor" (Non-USDA federal agency employees and contractors). The "USDA Employee/Contractor" option is highlighted with a red rectangular box.

Figure 7. Select user type to login

Select “USDA Work Account” option. (Figure 8)

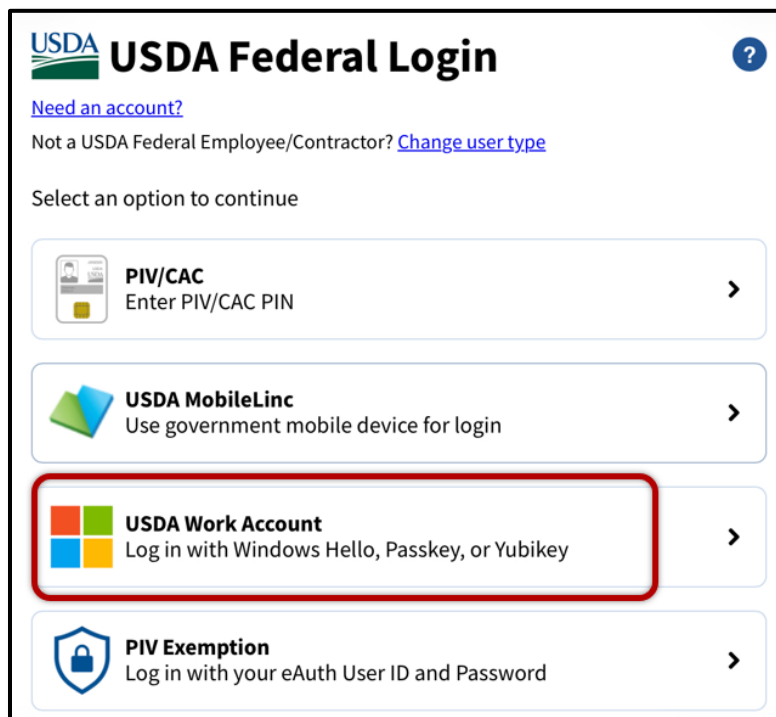
The image shows the USDA Federal Login page. At the top, it says "USDA USDA Federal Login". There is a help icon in the top right. Below the heading, there are links for "Need an account?" and "Not a USDA Federal Employee/Contractor? Change user type". It says "Select an option to continue". There are four login options, each with an icon and a description: "PIV/CAC" (Enter PIV/CAC PIN), "USDA MobileLinc" (Use government mobile device for login), "USDA Work Account" (Log in with Windows Hello, Passkey, or Yubikey), and "PIV Exemption" (Log in with your eAuth User ID and Password). The "USDA Work Account" option is highlighted with a red rectangular box.

Figure 8. USDA Work Account option for USDA Federal Login

Select “OK” to confirm that your device meets the requirements for Alternative MFA.

On the Microsoft Sign In page select the “Sign-in options” button. It is not required to enter your email address. (Figure 9)

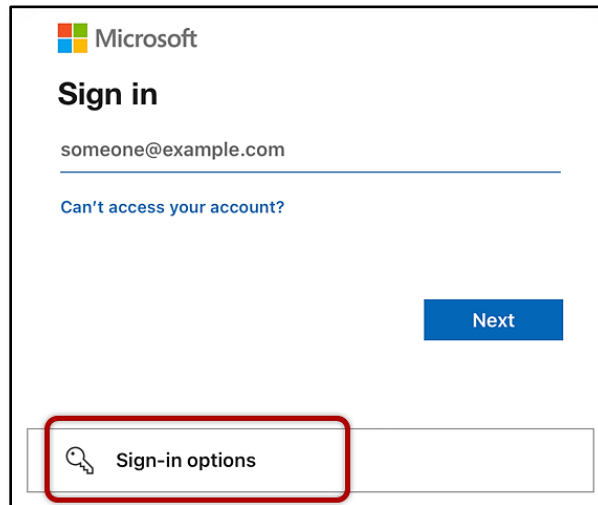


Figure 9. Microsoft sign in pop-up window

Select the option for “Face, fingerprint, PIN or security key”. (Figure 10)

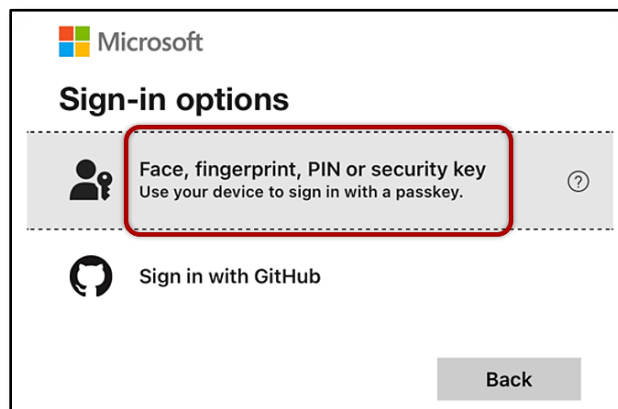


Figure 10. Microsoft sign-in options

On the next Sign In pop-up window select the blue button to “Use Passkey”. (Figure 11)

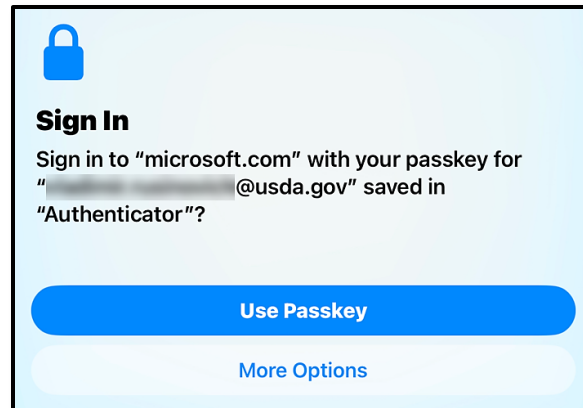


Figure 11. Sign in to "microsoft.com" with your passkey

When prompted, enter your passkey and hit “Enter”. (Figure 12)

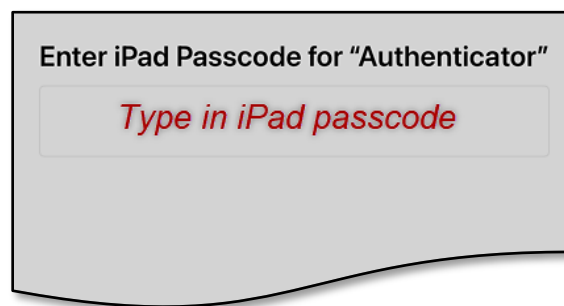


Figure 12. Enter iPad passcode

ArcGIS Field Maps application opens to the main map gallery.
Locate the map shared with you and begin field data collection!

Android Device

! IMPORTANT !

Ensure that Chrome is the default browser on the device.
Open Settings > Apps > Default apps > Default browser app > and if the browser application under Defaults is not Chrome, change it to “Chrome”. (Figure 13)

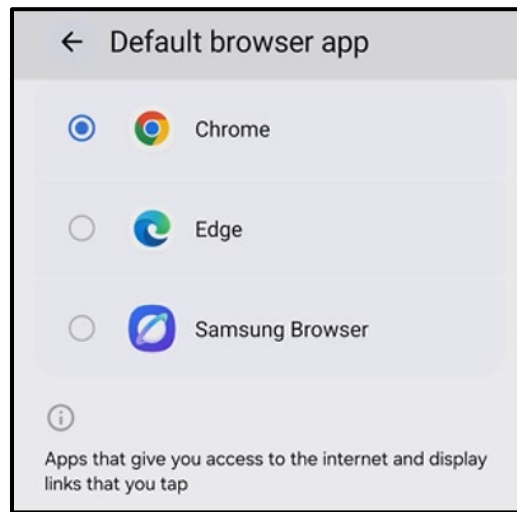


Figure 13. Default browser app

Confirm the following are in place:

1. An Android phone or tablet that was Intune Enrolled and for which Microsoft Passkey is configured.
2. A reliable Wi-Fi connection.
3. A USDA MRP GIS Portal account with a USDA Mobile Worker role.
4. Membership in the group in which the survey map is hosted in the USDA MRP GIS Portal.

Locate the ArcGIS Field Maps application icon and tap to open it. (Figure 14)



Figure 14. ArcGIS Field Maps application icon

Select "Sign in with ArcGIS Enterprise". (Red box in Figure 15)



Figure 15. ArcGIS Field Maps sign in screen

On first opening the application, you will have to add the ArcGIS Enterprise URL. Once established, your device saves this as a sign in option. The dark red box in Figure 16 indicates a saved URL and the yellow box in Figure 16 highlights the option to “Specify a New URL”.

Specify a New URL.

If choosing to “Specify a New URL”, the URL is entered manually using the keyboard. Check it carefully and then tap “OK”. (Figures 16 & 17)

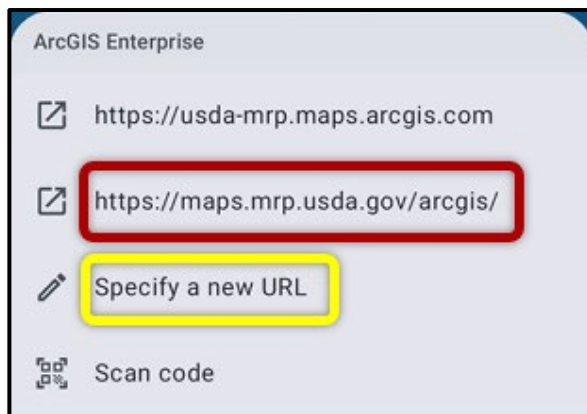


Figure 16. Sign in with ArcGIS Enterprise options



Figure 17. Specify a new URL

Official Data Collection URL

USDA-MRP GIS Production Portal: <https://maps.mrp.usda.gov/arcgis>

Next you may be asked to confirm “usda.gov” to Sign In. Tap “Continue”. (Figure 18)



Figure 18. Confirm to use usda.gov to sign in

Select the blue “eAuth or Login.gov Account” button. (Figure 19)

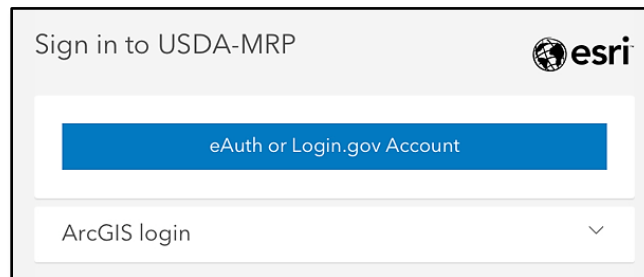


Figure 19. Sign in to USDA-MRP with eAuth account

Select “USDA Employee/Contractor” from the user type options. (Figure 20)

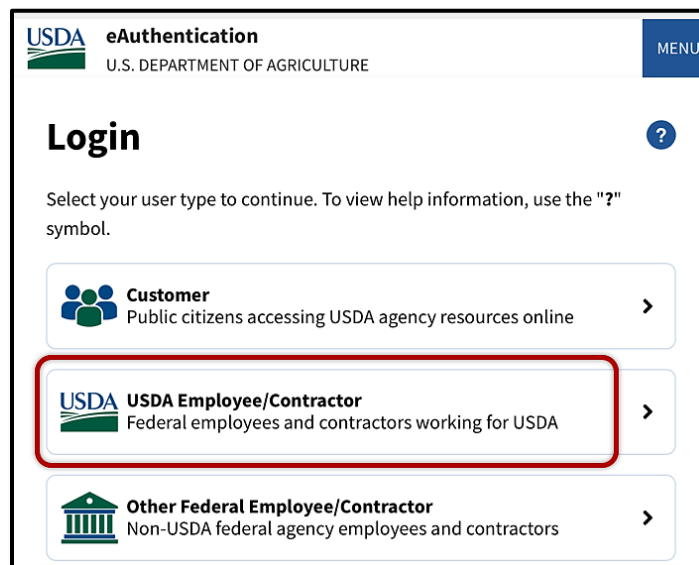


Figure 20. eAuthentication login page with user type options

If the “Sign in” pop-up window appears with the prompt to enter Username and Password, select “Cancel”. (Figure 21)

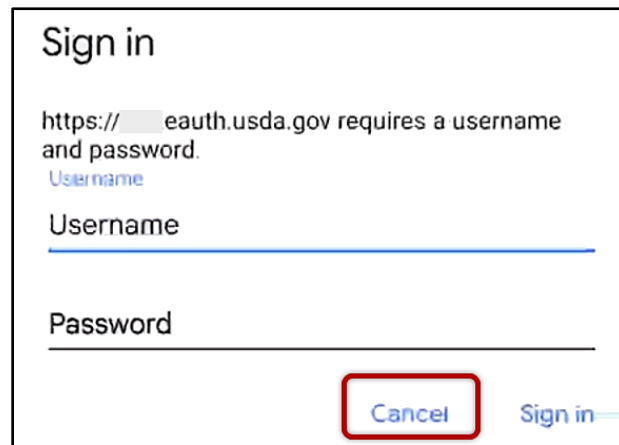
A "Sign in" pop-up window with a title bar. The text inside says "https://[redacted]eauth.usda.gov requires a username and password." Below this, there are two input fields: "Username" and "Password". At the bottom right, there are two buttons: "Cancel" (highlighted with a red rectangle) and "Sign in".

Figure 21. Sign in using username and password

Select “USDA Work Account” option. (Figure 22)

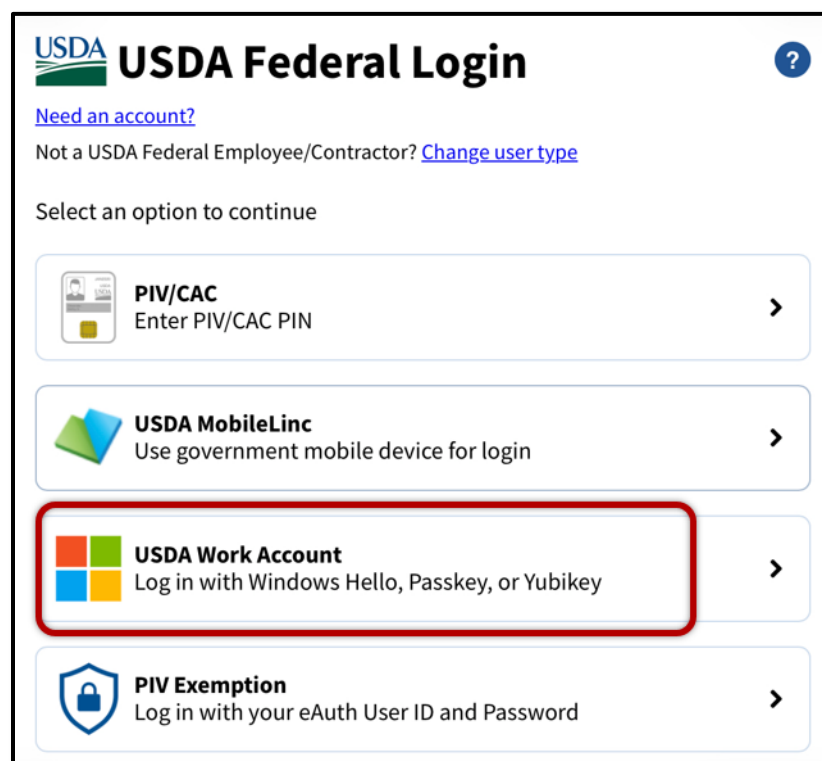
A screenshot of the "USDA Federal Login" page. The page has the USDA logo and the title "USDA Federal Login". Below the title, there are links for "Need an account?" and "Not a USDA Federal Employee/Contractor? Change user type". The main section is titled "Select an option to continue" and lists four options: "PIV/CAC" (Enter PIV/CAC PIN), "USDA MobileLinc" (Use government mobile device for login), "USDA Work Account" (Log in with Windows Hello, Passkey, or Yubikey), and "PIV Exemption" (Log in with your eAuth User ID and Password). The "USDA Work Account" option is highlighted with a red rectangle.

Figure 22. USDA Federal Login options

Select OK to confirm that your device meets the requirements for Alternative MFA. (Figure 23)

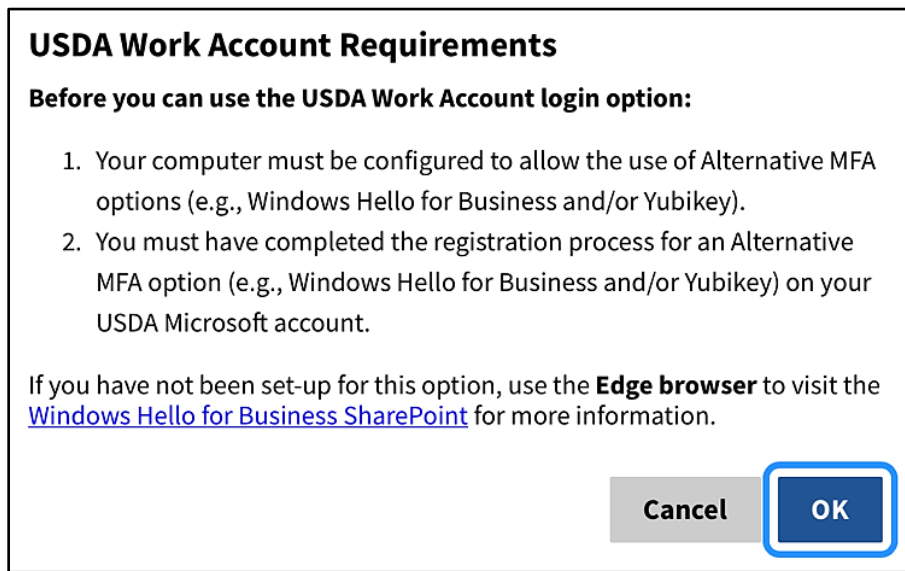


Figure 23. USDA Work Account Requirements

On the Microsoft Sign In page select the "Sign-in options" button. (Figure 24)

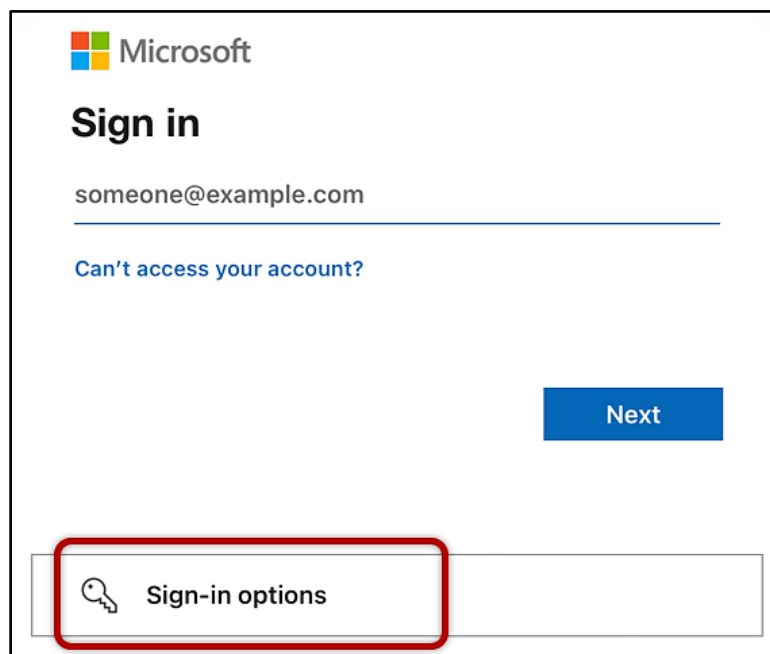


Figure 24. Microsoft sign in pop-up window

On the Microsoft Authenticator pop-up window select “Sign in”. (Figure 25)

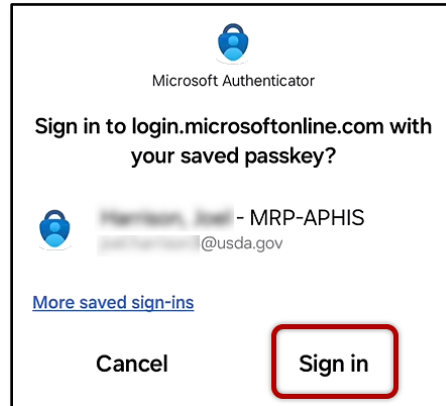


Figure 25. Microsoft Authenticator sign in

Select “Face, fingerprint, PIN or security key” option. (Figure 26)

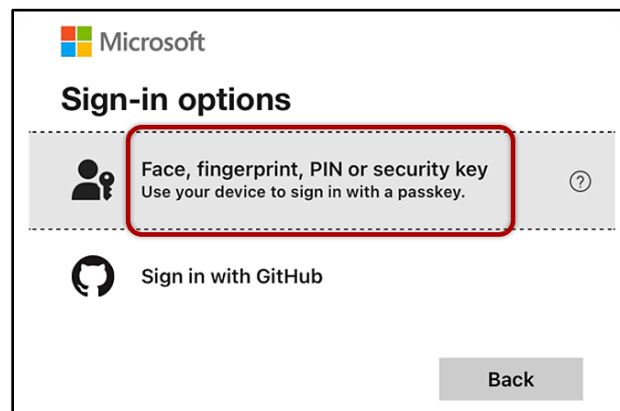


Figure 26. Sign in to "microsoft.com" with your passkey

When prompted, enter your passkey and hit “Enter”. (Figure 27)

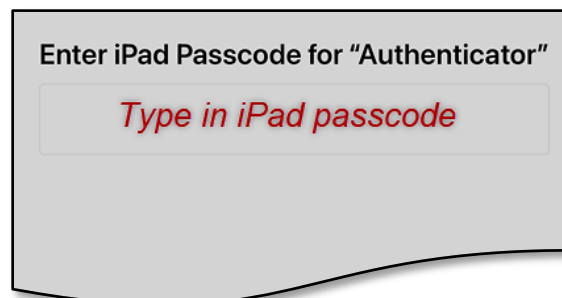


Figure 27. Enter iPad passcode

ArcGIS Field Maps opens to the main map gallery.
Locate the map shared with you and begin field data collection!

GETTING HELP

For all electronic equipment questions and support please contact the Client Experience Center (CEC):

[OCIO-CEC Digital Workplace](#)

CECHelpDesk@usda.gov

877-873-0783

If you need technical support or assistance related to USDA MRP AGOL and/or USDA MRP GIS Portal user accounts, ArcGIS Field Maps, ArcGIS Survey123 and ArcGIS QuickCapture mobile applications or specific maps, follow this order:

1. Contact your field supervisor.
2. Contact your local GIS Specialist that supports your area.
3. Send email to WebGIS.Connect@usda.gov.

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.).