



# Installing New Coefficients on Your MC-100

1. On the chlorophyll support page, click on the New Coefficients bookmark.

## Chlorophyll Meter Support




Arugula, Collard greens, Kale, Romaine lettuce, and Swiss chard settings now available for the Apogee MC-100 Chlorophyll Meter. Click the "New Coefficients" button below to learn how to add these species to your MC-100.

**Note:** A recent software bug was discovered affecting MC-100 serial numbers 1525 - 1558. To fix this bug, you will need to follow the directions on this page: [MC-100 Firmware Update Instructions](#). This bug caused continuous beeping, freezes on calibration, and failures to find calibration files.

Specifications	Videos	Case Studies	Product Manuals
Spec Sheets	Technical Drawings	<b>New Coefficients</b>	Helpful Articles & Links
FAQs	Software & Datalogger Programs	Recalibration & Repair	

2. Click the zip file link for whatever coefficients you want to download.

## Chlorophyll Meter Crop-specific Settings



When Apogee released the MC-100, it came with 22 different crop specific coefficients plus a generic setting for all other crops. Since then, we have added some species and will continue to do so upon popular request. These new coefficients are linked here and can be added following the instructions below. *Please note that MC-100 meters with a serial number less than 1402 were only programmed to be able to hold up to 27 crop specific coefficients at a time.* This can be a limiting factor as we build the library of available coefficients. If you have a unit with this limitation, you can easily upgrade the software by following the instructions linked [HERE](#).

New Crop-specific Settings Introduced in 2022 Zip File

- [Arugula, Collard greens, Kale, Romaine lettuce, and Swiss chard Settings](#)

New Crop-specific Settings Introduced After April 2019 Zip Files

- [Cannabis and Grapevine Settings](#)
- [Coffee, Spinach, and Strawberry Settings](#)
- [Cherry, Hops, and Blackberry Settings](#)

Original Crop-specific Settings Introduced Prior to April 2019 Zip File

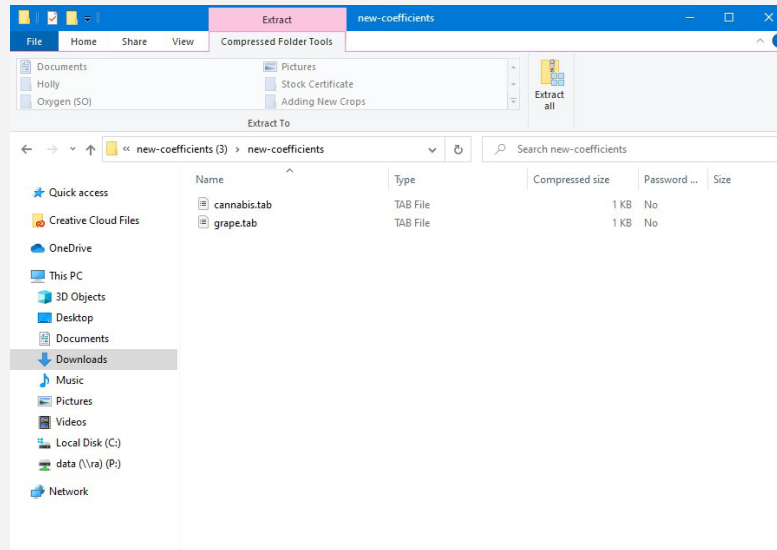
3. Connect the meter to your computer using the microUSB-to-USB cable (included with your meter).



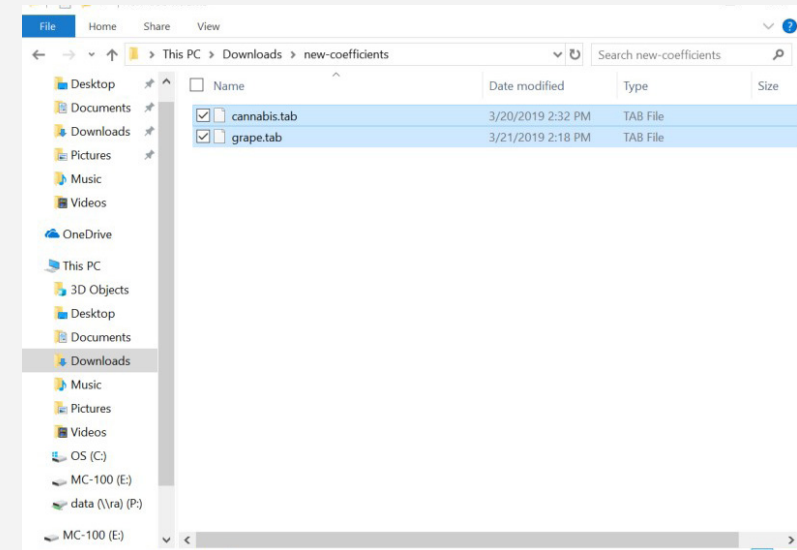
4. Turn the meter on and press the Data button. The meter should now read "USB Link Active!"



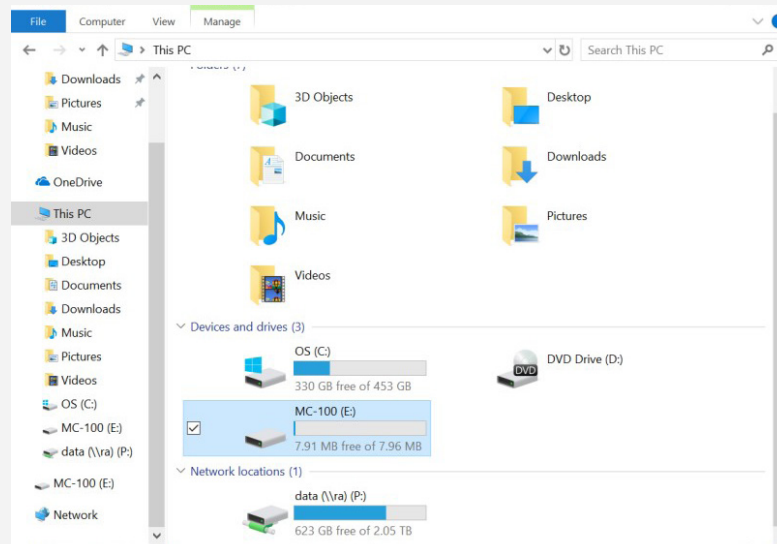
5. On your computer, go to the location of the downloaded coefficients zip files and extract its contents.



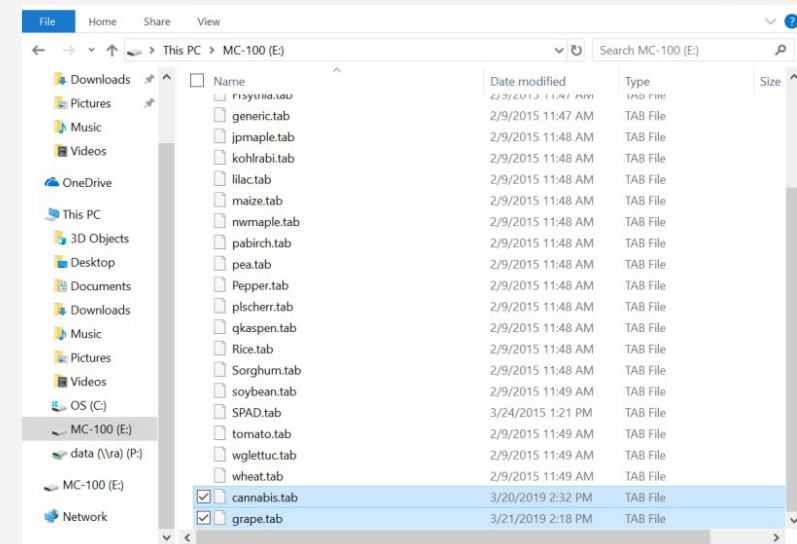
6. Select the extracted files and copy them.



7. Navigate to and open the MC-100's file directory.



8. Paste the copied coefficient files in to the MC-100's memory.





# Confirming and Selecting New Custom Units

1. Press the Eject button and disconnect the USB cable.



2. From the Home menu, press the Run button to access the Test menu.



3. Press the Setup button to access the MC-100 Test Setup menu.



4. Press the up button to reach the Custom Measurement menu.



5. Press the Edit button. Make sure the unit's heading is set to "Yes".



6. Press the right arrow button to go to the Unit Selection menu.



7. Scroll through the selections of units to confirm your new coefficients.



8. Highlight a coefficient and press the Accept button to begin using the coefficient.

