



How to Guide

GrassMaster Pro capacitance meter:

1. Power on the device
 2. Select Measure
 3. Next pick the paddock you want to measure. To do this use the up down button labeled “select”. Stop Scrolling at the paddock you want to measure.
 4. Then press measure. It will ask you if you want to update the “EST EQN?” (existing equation) Press the Undo button
 5. Now aim the Prob in the air. It will do one beep when it is ready, and, on the screen, it will say Start Your Walk.
 6. It will beep every time a measure is taken. You want to take a minimum of 60 measurements. For proper measuring technique keep the prob vertical and make sure to lift the tip of the probe high enough after each measurement that it is not in contact with the pasture. You do not want to drag it through the paddock.
 7. Hit measure when you are done measuring and it will show you your avg dm per kg/ha (average dry mater per kilogram per hectare).
 8. From here you have two options:
 - a. First is to start from the beginning again and select measure from here follow step 2. You can select a new paddock to measure
 - b. Or you can power off the device by selecting the power button again
- * The GrassMaster Pro does not work if the pasture is moist/wet
 - * Carry a rag with you while measuring. It can be used to clean the end of the prob if it gets wet/dirty. The GrassMaster Pro will stop working if either of those two things happen. It will do a series of beeps and on the screen, it will say “prob wet or dirty”. To fix this wipe the end of the probe clean/dry then press measure to resume.
 - * Avoid taking a reading in any outlying areas. Examples would be a bare patch of pasture, ditches, tracks, and any uncharacteristic areas.



Rising Plate:

1. Turn on the Rising Plate by lowering the toggle in the back while simultaneously holding down the rest button
 2. Keep holding the rest button down until the display shows '0' and you will hear 2 short beeps.
 3. Now hold the menu button down while also pressing the arrow buttons until you see 'P CL' show up on the screen
 4. Next hold the enter button until you see '0'
 5. Continue to hold the enter button till E_1 appears on the screen
 6. Using the arrow button scroll up until your number appears that correlates with the paddock you want to measure
 7. Stop at the number you want to measure, and press enter
 8. Now start recording data. You want to do a minimum of 30 recording. For proper measuring technique keep the Rising Plate vertical and set it straight down to measure. Make sure not have the probe angled when measuring. Take a measurement every few steps. At the 29th reading you will hear three short beeps then at 30 measurement there will be one long beep.
 9. After taking 30 measurement hold the rest button down
 - a. The first number that gets displayed is average height of the paddock
 - b. Keep holding down the rest button until a small triangle appears in the upper left-hand corner. This show's that the measurements where saved to memory
 10. Turn off the rising plate with the toggle in the back
- * Have the probe in contact with something while pressing the buttons
 - * Avoid taking a reading in any outlying areas. Examples would be a bare patch of pasture, ditches, tracks, and any uncharacteristic areas.

