Appendix II Document 2: Step-by-Step Instructions to Determine Soil Organic Matter Content Using Web Soil Survey

2017 CDFA HSP

<u>Step 1</u>: Go to the UCD web soil survey site at

https://casoilresource.lawr.ucdavis.edu/gmap/ as shown below.

Click "OK" at the bottom of box.



Step 2: Locate "Menu" on the up left side corner of the screen. A menu of three contents will pop up when clicked.



<u>Step 3</u>: Click "Map Settings". Under "Map Type", select "Hybrid". This selection is recommended as it allows one to easily identify the location of their fields. Once map type is selected, click "Close". This will bring you back to the "Menu".



Step 4: Click "Menu" again. Click "Zoom to Location". This allows you enter your field address. Type your field address and click "Go".



2017 CDFA HSP Step-by-Step Instructions to Determine Soil Organic Matter Content Using Web Soil Survey <u>Step 5</u>: Identify the field location as best possible. Move your mouse pointer to the location and click. Soil type of the field appears on the left side corner, with your selected location marked as red check box. For example, the major soil type on this field is "Vina". Record the name of the major soil type for your location. Click the soil type name ("Vina" in this example).



<u>Step 6</u>: Detailed information for a typical "Vina" soil series appears. Click "Org. Matter" as highlighted in the red box.



2017 CDFA HSP Step-by-Step Instructions to Determine Soil Organic Matter Content Using Web Soil Survey Step 7: The diagram shows percent organic matter content (SOM) in the soil profile. Read % soil organic matter (the bottom of the diagram) for surface soil layer (0-20 cm or 0-8 inch in this diagram). In this example, it is approximately 2.5% for Vina soil series.



2017 CDFA HSP Step-by-Step Instructions to Determine Soil Organic Matter Content Using Web Soil Survey **Step 8**: Write down the organic matter content and name of soil series for each field/APN as it is needed for your FAAST application.

Please remember that if an APN's soil organic matter is greater than 20%, all Compost Application practices are not eligible.