WEB SOIL SURVEY


2. Click on the green button Start WWS.

3. Under the Area of Interest (AOI) tab, click on Address.

4. Enter Address
   a) Enter your home street address, city, state in the box.
   b) Make sure the Show location marker box is checked
   c) Click on View

5. The Area of Interest Interactive Map will open.
   • With the mouse, draw a box around the general area of the property (marked on the map with a red +). The map will refresh with a closer view

6. Select Area of Interest
   a) Click on the AOI button near the top of the window.
   b) With the mouse drag a box around the property of interest. The map will refresh with a slash filled box of the property of interest.

7. Soils
   a) Click on the Soil Map tab. This will open a listing of the soil map unit names on the property
   b) Click on the Map Unit Name in blue in the box. This will open the description of the soils.

   Note: If the address you entered if not found on the Web Soil Survey, please start over with the address of a friend or relative.
8. **Answer the following questions about one of the soils on the property.**

<table>
<thead>
<tr>
<th>Address</th>
</tr>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>What is the name of the soil(s) at this address?</th>
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<table>
<thead>
<tr>
<th>What is the generic slope at this address?</th>
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<table>
<thead>
<tr>
<th>From <strong>Map Unit Setting</strong></th>
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</thead>
<tbody>
<tr>
<td>Elevation</td>
</tr>
<tr>
<td>Mean annual precipitation</td>
</tr>
<tr>
<td>Mean annual air temperature</td>
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<tr>
<td>Frost-free period</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>From <strong>Properties and Qualities</strong></th>
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</thead>
<tbody>
<tr>
<td>Depth to restrictive feature</td>
</tr>
<tr>
<td>Drainage class</td>
</tr>
<tr>
<td>Depth of water table</td>
</tr>
<tr>
<td>Frequency of flooding</td>
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<tr>
<td>Frequency of ponding</td>
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<tr>
<td>Calcium carbonate content</td>
</tr>
<tr>
<td>Maximum salinity</td>
</tr>
<tr>
<td>Available water capacity</td>
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</table>

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<tr>
<th>From <strong>Typical profile</strong>, give depths of various soil textures.</th>
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</table>
ANSWER THE FOLLOWING BASED ON WHAT YOU’VE LEARNED:

1. Properties and challenges with your soil.
   a. Describe the properties of your soil (or soil you have access to test). What are the good properties supporting plant growth? What are the properties limiting plant growth?
   
   b. What would you advise a neighbor moving into your neighborhood (same basic soil) about soil management when their yard is a new landscape (nothing currently on the property)?
   
   c. What would you advise a neighbor (same basic soil) about soil management for an existing landscape with lawns, trees, perennial flower and shrub beds, annual flower and vegetable beds?

2. List eight considerations in selecting an appropriate soil amendment.

3. List eight considerations in selecting an appropriate mulching material.

4. List five considerations in selecting an appropriate fertilizer.