

Directions for using the Culex Susceptibility Study Website

The internet site developed for displaying results is an interactive map that allows the viewer to zoom to a site and retrieve information about that site. The Navigation and Query Tools are found at the left of the map. The Layer List/Legend is on the right of the map. ***Please notice that there is a 'Check Box' and 'Radio Button' next to each map layer's name. The layer is "Visible" when the box is checked - and it is "Active", meaning information is available, when the button is clicked.***

General Procedure:

1. Choose the map showing the year of study by clicking the "Active" button next to it in the Layer List on the right. This sets that map layer as the one providing information from your queries.
2. Uncheck the other map so it is not showing (site locations can be different for each year).
3. Click on the "Refresh Map" button at the bottom of the layer list.
4. Choose the Zoom tool to zoom to area of interest.
5. Click on the 'Select by Rectangle' Tool (the red box with a black arrow icon). Take the cursor and click to the upper left of the site symbol and drag to make a small box encompassing it. This action selects the symbol and chooses the information about it from a database table. You can view the info in a small table at the bottom of the map.

Description of the Susceptibility information in accompanying table.

Scroll to the right of the table and notice three columns: Permethrin_1, Permethrin_2, and Permethrin_3. The records in these columns refer to 'Percent Knockdown' after 1, 2, and 3 hours exposure to permethrin (Bottle Bio-assay). Permethrin dose is based on 100% knockdown in susceptible mosquitoes after 1 hour exposure.