In order to use GeoTIFF imagery in ERDAS IMAGINE 8.X, follow the steps below:

1. **Start IMAGINE:** In MS Windows this will generally be through either a desktop icon or an entry under the "Start -> Program Files" section of the Windows menu.
2. **Load and Display the Bands**: IMAGINE has native support for GeoTIFFs. Open a "Traditional Viewer". In the viewer window, select "File -> Open -> Raster Layer". In the drop-down window, select the option for "TIFF". Select a band to load. The band will appear in the viewer window in gray scale.
   - 2.1 **Three Layer Arrangement:** Under "File -> Open", this option allows you to select multiple bands for an RGB composite. The composite will load in the viewer #1 and additional viewers will open for each band.
   - 2.2 **Multi Layer Arrangement:** Under "File -> Open", this option allows you to select multiple bands and have them load as true color in viewer #1, additional viewers will open to accommodate other bands.
   - 2.3 **To Import the bands:** ERDAS Imagine allows you to import imagery into the native Imagine file format. This is highly recommended as it will speed up processing and visualization of the image, it is, however, not as expeditious as the options above. To import your imagery, click "Import" on the Imagine main icon bar. Leave "Import" selected in the window that will pop up. Under "media", you will most often want to select "File" (it is usually best to copy your imagery to your hard drive to minimize access time). Under "Type" select GeoTIFF. Navigate to the image file(s), select them, enter an output name and directory and click "OK". Once the imagery is imported, it will have a ".img" extension. Open a new viewer and load the ".img" file(s) as above but select "IMAGINE (.img)" as the file type.

A Note on Spatial Reference Data: Imagine has robust support for the GeoTIFF standard and will directly read in the necessary metadata. Much of this may be accessed directly by bringing up a "Start/Update Inquire Cursor" in the viewer window and scrolling over the image. Note that you can switch dynamically between map and file coordinates in the "Image Information" window. If more detailed information is required such as sun elevation, time of acquisition, etc. consult the .hdr metadata file available with the GeoCover product.

A Note on the Imagine File Format: If the user changes imagery from GeoTIFF to the native Imagine ".img" format they will still be able to use the image in most spatial software. While GeoTIFF is universal in being deployable in any spatial software, the native Imagine 8.x format is nearly so.