Field Equipment and Supply Needs for Data Collection Using HTHC Tools

*Projects using HTHC Tools can take many forms – and can have needs for equipment or supplies different from this list. Consider this list the recommendations from the HTHC Team of what is needed to use HTHC’s tools in the field for data collection (including recording Tree Care Activities, Health Checks, and Pest Checks).*

1. Mobile device with cellular data connection (1 for each pair or team collecting data)
   1. The HTHC Mobile App is supported in Android and iOS (Apple)
   2. Devices must be connected to a cellular network to allow features such as ‘My Trees’ and ‘Nearby Trees’ to properly function, and to allow uploading of data collected to the HTHC database.
   3. Some projects may have best success when devices are owned by the organization running the project, but the use of personal devices can also work.
   4. For teams using Assigned Trees, users must be *signed-in* to their device.
2. DBH tape (1 for each pair or team collecting data)
   1. Can substitute with a cloth measuring tape for measuring tree circumference, but measurements must be made in decimalized inches (not fractions). The HTHC app doesn’t support metric units for DBH.
3. High Visibility Vests (1 for each field staff/volunteer)
   1. Especially important if project includes street trees, as they are very close to traffic.
4. Binoculars (1 for each pair or team collecting data)
   1. *Recommended*
5. Local Tree ID Guide (~1 for each pair or team collecting data)
   1. *Recommended.* Choose a tree ID guide that is best for your area.
6. Health Metrics Field Guide, Crown Health Guides, Pest Symptom Guides, DBH Guide
   1. *Recommended.* Crown Health and Pest Symptom Guides are also found in the Mobile App.