

Minimum Tree Inventory Attributes – Grant Recipients

Since 2010, Urban Forestry grant recipients which pursue tree inventories with grant funds have been required to supply the Department of Natural Resources with that inventory data. To enable the Department to better organize and analyze this urban forestry data across the state, we request that the inventoried data include minimum information that can be incorporated into datasets and mapping applications, such as the [Wisconsin Community Tree Map](#).

In addition to these required attributes, communities should pursue the data that they need to best manage their trees with their available resources. The *required* data is listed below.

The inventory should track individual trees and be sent as raw datasets of those individual trees rather than summaries of, for instance, total trees by species.

File Format

Preference: SHP or GDB file (GIS) – include projection file or identify coordinate system

Acceptable: Excel, CSV with x/y coordinates; only including street addresses also acceptable, but least preferred

Data fields – the underlined fields are those which every inventory should include, at a minimum

Species

Preference: Latin name (*Acer saccharum*)

Acceptable: common genus/species (Maple, Sugar); common name (Sugar Maple) also acceptable

Cultivar/Variety (*separate* field as species, if applicable)

Location

Preference: GIS (in shapefile or geodatabase) and street address (identified within GIS field)

Acceptable: x/y coordinates or street address (in spreadsheet)

Diameter at Breast Height

Preference: integer or to the nearest tenth of an inch

Condition

Preference: condition rating (e.g. 0.60, 0.15) or generic assessment (Excellent, Good, Fair, Poor, Dead)

Inventory date or year

Preference: date in xx/xx/xxxx format (e.g. 06/18/1987) or year in xxxx format (e.g. 2011)

Year Planted (if known)

Preference: year, in xxxx format (e.g. 2011)

Trees planted with DNR funds? (if known)

Mark if they were planted with DNR Urban Forestry funds