

# Value of the Neighborhood Trees Surveyed Southern Manhattan - Community Board 3

The total value of the 60 trees surveyed in Manhattan was \$35,981.00 (all = \$1,038,458.00) with a mean value of \$599.68 (all = \$3,225.03). The total amount of carbon sequestration\* conducted by the 60 trees in Manhattan is 182.77 kg/year with a mean value of 3.05 kg/year.

Table describes the 6 most valuable trees in Manhattan.

Common Name	Scientific Name	Age (yrs)	Tree Condition	Compensatory Value (\$)	Carbon Sequestration (kg/year)*
London Plane	Platanus x acerifolia	72	Poor	2259.00	12.27
Callery Pear	Pyrus calleryana	41	Good	1924.00	11.19
Japanese Sophora	Styphnolobium japonicum	57	Good	1924.00	11.26
Callery Pear	Pyrus calleryana	34	Good	1352.00	7.99
Callery Pear	Pyrus calleryana	29	Good	1192.00	6.95
Callery Pear	Pyrus calleryana	40	Good	1192.00	6.95

\*carbon sequestration = carbon capture, separation, and storage or reuse.

Source: TreesNY and CENYC, Citizen Pruners, and USDA Forest Service, Northeastern Research Station, 2002

