

This data was produced from the i-Tree Planting Calculator version 1.2.0 for Minneapolis, MN.

The Nature Conservancy Camden Stormwater Pond Tree Planting. Project benefits calculated for 25 years with 0% mortality.

Group Identifier	Tree Group Characteristics	CO2 Sequestered (pounds)	CO2 Sequestered (\$)
1	(4) Buckeye, Ohio (<i>Aesculus glabra</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	13,085.70	\$304.33
2	(4) Catalpa, Northern (<i>Catalpa speciosa</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	8,779.40	\$204.18
3	(2) Chokecherry, Common (<i>Prunus virginiana</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	784.3	\$18.24
4	(3) Coffeetree, Kentucky (<i>Gymnocladus dioicus</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	1,599.90	\$37.21
5	(4) Cottonwood, Eastern (<i>Populus deltoides</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	7,728.80	\$179.75
6	(3) Elm, American (<i>Ulmus americana</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	6,377.10	\$148.31
7	(4) Ginkgo (<i>Ginkgo biloba</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	642.8	\$14.95
8	(3) Hackberry, Northern (<i>Celtis occidentalis</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	1,287.20	\$29.94
9	(3) Hickory (<i>Carya</i> species) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	2,445.70	\$56.88
10	(2) Hophornbeam, Eastern (<i>Ostrya virginiana</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	643	\$14.95
11	(3) Sycamore, American (<i>Platanus occidentalis</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	5,862.80	\$136.35
12	(4) Cedar, Eastern red (<i>Juniperus virginiana</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	477.9	\$11.11
13	(4) Cedar, Northern white (<i>Thuja occidentalis</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	671.2	\$15.61
15	(9) Birch, River (<i>Betula nigra</i>) at 1 inch DBH.Planted >60 feet of buildings.Trees are in excellent condition and planted in full sun.	26,945.30	\$626.66
TOTALS		52	1,798.47

Tree Biomass (short ton)	Rainfall Interception (gallons)	Avoided Runoff (gallons)	Avoided Runoff (\$)	O3 Removed (pounds)	NO2 Removed (pounds)	SO2 Removed (pounds)	PM2.5 Removed (pounds)
3	50,686.90	14,726.50	\$131.60	23.8	2.3	0.3	1.6
2	57,071.30	16,581.40	\$148.17	18.7	1.7	0.2	0.8
0.2	9,369.50	2,722.20	\$24.33	3.5	0.3	0	0.2
0.4	16,380.60	4,759.20	\$42.53	6.1	0.6	0.1	0.3
1.7	35,321.50	10,262.20	\$91.70	17	1.7	0.2	1.2
1.4	37,505.20	10,896.70	\$97.37	16.9	1.6	0.2	1.1
0.1	16,895.50	4,908.80	\$43.86	5.9	0.5	0.1	0.3
0.3	34,011.30	9,881.60	\$88.30	16.4	1.6	0.2	1.1
0.6	23,988.50	6,969.50	\$62.28	8.8	0.8	0.1	0.4
0.2	11,101.80	3,225.50	\$28.82	3.9	0.4	0	0.2
1.3	38,500.30	11,185.80	\$99.96	18.4	1.8	0.2	1.2
0.1	8,735.90	2,538.10	\$22.68	9.7	1.5	0.2	0.7
0.2	3,830.20	1,112.80	\$9.94	3.9	0.6	0.1	0.3
6.1	92,848.20	26,975.90	\$241.06	39.8	3.8	0.4	2.4
17.60	436,246.70	126,746.20	1,132.60	192.80	19.20	2.30	11.80