

Big Trees of BG (Benefit Data)

Tree	Location	Height (ft)	DBH (in)	Benefits (Current Year)	Benefits (Over 25 years)	Benefits To Date	
Green Ash		80		57.9	\$313	\$7,828	\$13,810
<i>Fraxinus pennsylvanica</i>	CO2		lbs sequestered/decreased		520	29,686	33,958
	Water		gallons intercepted		23,020	575,505	857,620
	Energy savings		Kwh		116	2,898	
Tulip tree		101		60.8	261	6,648	10,660
<i>Liriodendron tulipifera</i>	CO2		lbs sequestered/decreased		1,296	37,175	49,747
	Water		gallons intercepted		23,020	575,505	944,426
	Energy savings		Kwh		0	0 no buildings	
Pin Oak		62.5		40.7	\$232	\$6,357	\$5,107
<i>Quercus palustris</i>	CO2		lbs sequestered/decreased		1,211	22,280	
	Water		gallons intercepted		19,514	539,875	353,849
	Energy savings		Kwh		253	6,329	
Ginkgo		60		42.3	\$135	\$3,381	\$11,717
<i>Ginkgo biloba</i>	CO2		lbs sequestered/decreased		984	25,356	
	Water		gallons intercepted		7,261	11,532	567,903
	Energy savings		Kwh		94	2,360	
Southern Magnolia		35		36.9	\$252	\$6,548	\$9,281
<i>Magnolia grandiflora</i>	CO2		lbs sequestered/decreased		2,220	57,347	
	Water		gallons intercepted		10,483	275,476	289,392
	Energy savings		Kwh		151	3,781	
Basswood		80		48.1	\$248	\$255	\$6,291
<i>Tilia americana</i>	CO2		lbs sequestered/decreased		1,353	21,831	
	Water		gallons intercepted		23,020	575,505	794,383
	Energy savings		Kwh		81	2,029	
Flowering Dogwood				24.5	\$19	\$489	\$552
<i>Cornus florida</i>	CO2		lbs sequestered/decreased			2,616	
	Water		gallons intercepted		1,494	37,347	31,213
	Energy savings		Kwh		0	0 no buildings	
Osage Orange		73		76.4	\$94	\$2,340	\$10,238
<i>Maclura pomifera</i>	CO2		lbs sequestered/decreased			8,773	
	Water		gallons intercepted		6,317	157,933	687,567
	Energy savings		Kwh		54		
Pecan		107		61.1	\$258	\$6,509	\$24,544
<i>Carya illinoensis</i>	CO2		lbs sequestered/decreased		1,139	31,208	
	Water		gallons intercepted		23,020	575,505	2,239,960
	Energy savings		Kwh		0	0 no buildings	
Black Walnut		71		47.7	\$248	\$6,306	\$6,587
<i>Juglans nigra</i>	CO2		lbs sequestered/decreased		1,604	38,111	
	Water		gallons intercepted		20,028	500,689	480,315
	Energy savings		Kwh		55	1,384	
American Elm		90		54.7	\$271	\$7,004	\$8,820
<i>Ulmus Americana</i>	CO2		lbs sequestered/decreased		1,687	52,484	
	Water		gallons intercepted		23,020	575,505	761,694
	Energy savings		Kwh		0	0 no buildings	
Catalpa		71.5		62.1	\$73	\$1,831	\$4,467
<i>Catalpa speciosa</i>	CO2		lbs sequestered/decreased		671	16,775	
	Water		gallons intercepted		7,261	181,523	428,630
	Energy savings		Kwh		117	4,432	
Total	12 Trees in BG				\$2,404	\$55,496	\$112,074
	CO2		lbs sequestered/decreased		12,685	343,642	
	Water		gallons intercepted		187,458	4,581,900	8,436,952
	Energy savings		Kwh		923	23,213	