



Carya cordiformis



Высота	18 – 25 m
Ширина	9-15m
Крона	round/spherical, half-open crown
Кора и ветви	twigs green with white lenticels, later brown-grey, bark grey, initially smooth, later with narrow grooves and ridges
Лист	compound, up to 25 cm long, leaves (5)7-9(11), 9-15 cm long, oblong to obovate, green
Осенний окрас	желтый
Цветы	in hanging catkins up to 15 cm long, yellow-green, 2-3 together, yellow-green, May
Плоды	nut in green husk with warts and glandular hairs, upper half with densely furred wings, 2.5-4 cm
Колючки/шипы	None
Ядовитость	неядовитый, обычно
Вид почвы	loamy soil, sandy soil, acid soil, calcareous soil
Влажность почвы	устойчив к сухим почвам, устойчив к влажным почвам
Мощение	неустойчив к мощению
Зона зимостойкости	5 (-28,8 до -23,4 °C)
Устойчивость к ветру	good
Прочие виды устойчивости	устойчив к морозам, зона 1 - 6, сустойчив к ветру
Дерево-среда обитания для животных	устойчив к морозам, зона 1 - 6, сустойчив к ветру, дерево-источник питания для птиц
Применение	аллеи и широкие улицы
Форма	штамбовое дерево

The relatively slender-growing *Carya cordiformis* is a large tree with a continuous heart branch. Initially, the tree has a conical crown, which later becomes broadly oval, more open and with a rounded top. The bark is initially smooth, but after a few years it will develop narrow grooves with a pinkish to orange sheen. Later in life, the bark is clearly interlaced with long, narrow ridges. The male flowering catkins can be up to 15 cm long, forming a nice ornamental feature in May. As with all *Carya*, *C. cordiformis* does not produce fruit until later in life. The green husks contain heart-shaped nuts with pointed tips. The nuts are very bitter and therefore unsuitable for consumption.

The tree is suitable for application to all soil types and tolerates a pH of up to 7.5, although some deficiency symptoms will occur. *C. cordiformis* is very hardy and prefers wetter soils. Nevertheless, it also tolerates drought well. It is a deep-rooting tree, which makes transplanting later in life more difficult. Forms no water locks and its relatively narrow crown makes it suitable as avenue tree. Once planted, the tree will grow rather