

## Button Mangrove

Button mangrove is a low-branching, multi-trunked, shrubby, evergreen tree, originating in tropical America and the coast of West Africa. Since the mid 1990s (CE), *C. erectus* can be seen everywhere in Arriyadh. Growing to a height of 20 metres with a spread of 8 metres, the tree's crown is uniform and symmetrical and the branches upright, spreading in a vase shape. Growth is remarkably fast, up to 3 metres a year in the early stages. The tree has shiny, lanceolate, leaves and inconspicuous, small, greenish flowers, appearing in spring, followed by reddish-brown fruits. *C. erectus* prefers full sun, tolerates partial shade, but will not grow under taller trees. Very drought-tolerant, it will grow on compacted clay, sand, and loam, alkaline or acidic soils: salt tolerance is high. Not hardy to severe frosts, whole streets of trees have seen frost damage in one single night in Arriyadh. It is also very tolerant of air pollution. Propagation is by cuttings or layering, or partially burying straight, cut branches that root in moist ground. Leaders must be pruned and staked for straight-trunked trees. The laterals and fine roots are weak and brittle, and not aggressive. Button mangrove has little invasive potential in Arriyadh, although a kind of monoculture has developed. It is widely planted in parking lots and streets, and is ideal as an informal or clipped hedge, windbreak, screen or specimen tree. It is good for soil stabilisation, reclamation and sand dune protection. Trees are tough and long-lived in the landscape.



### GENERAL

Origin	: tropical
Vigour	: fast growing
Humidity	: semi-arid, semi-humid
Propagation	: sowing and pricking out, layer, cuttings
Maintenance	: moderate

### CONDITIONS

Urban climate	: resistant
Dessication	: vulnerable
Stagnant water	: resistant
Irrigation	: medium
Salinity/ppm	: very high (30000 ppm)
Hardiness	: -3°C

### SHAPE

Type	: tree, shrub
Height	: 20 m
Spread	: 8 m
Foliage	: evergreen

### FLOWER

Colour	: green
Size	: 0.5 cm
Period	: March - May

### FRUIT

Type of fruit	: cones
Fruit size	: 1.5 cm