**Bignoniaceae** Catalpa

**Catalpa bignonioides 'Nana'
Catalpa bungei HORT**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Height</strong></td>
<td>4 - 6 m</td>
</tr>
<tr>
<td><strong>Crown</strong></td>
<td>flat-topped globular, dark, dense crown</td>
</tr>
<tr>
<td><strong>Bark and branches</strong></td>
<td>grey, shallow grooves</td>
</tr>
<tr>
<td><strong>Leaf</strong></td>
<td>heart-shaped, fresh green, 10 - 15 cm</td>
</tr>
<tr>
<td><strong>Sprout</strong></td>
<td>late sprout</td>
</tr>
<tr>
<td><strong>Flowers</strong></td>
<td>none</td>
</tr>
<tr>
<td><strong>Fruits</strong></td>
<td>none, fruitless cultivar</td>
</tr>
<tr>
<td><strong>Spines/thorns</strong></td>
<td>none</td>
</tr>
<tr>
<td><strong>Toxicity</strong></td>
<td>non-toxic (usually)</td>
</tr>
<tr>
<td><strong>Soil type</strong></td>
<td>few requirements, not in wet soils</td>
</tr>
<tr>
<td><strong>Paving</strong></td>
<td>tolerates paving</td>
</tr>
<tr>
<td><strong>Winter hardiness</strong></td>
<td>6a (-23,3 to -20,6 °C)</td>
</tr>
<tr>
<td><strong>Wind resistance</strong></td>
<td>moderate to poor</td>
</tr>
<tr>
<td><strong>Wind / frost / salt</strong></td>
<td>resistant to frost (WH 1 - 6)</td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td>narrow streets, parks, tree containers, theme parks, cemeteries, large gardens, small gardens, patio gardens</td>
</tr>
<tr>
<td><strong>Type/shape</strong></td>
<td>clearstem tree, specimen tree, sphere on stem</td>
</tr>
<tr>
<td><strong>Origin</strong></td>
<td>Pépinières Masson, France, ± 1850</td>
</tr>
</tbody>
</table>

A densely branched, spherical shrub, that when grafted on stock (C. bignonioides), can grow into a small, flat-topped, spherical tree. Depending on the graft union the height will be 2 - 2.5 m. The crown becomes circa 6 - 7 m wide. It is a slow growing tree. The grey brown, shallow fissured bark peels in plates and the hard wood of the twigs breaks easily. The acuminate and entire, heart-shaped leaf appears late in spring and is shed relatively early. It is considerably smaller and narrower than the species. When bruised a distinct smell is emitted. In autumn it turns yellow. Shallow rooting with fleshy roots. The tree can be pruned vigorously every few years to encourage the crown. Widely applied in small gardens, on squares and roundabouts.