Species: *Quercus macrocarpa*

(kwer'kus ma-kro-kar'pah)

Bur Oak; Mossycup Oak

**Cultivar Information**

* See specific cultivar notes on next page.

**Ornamental Characteristics**

Size:  Tree > 30 feet  
Height:  60' - 80' (equal spread)  
Leaves:  Deciduous  
Shape:  round  
Ornamental Other:

**Environmental Characteristics**

Light:  Full sun  
Hardy To Zone:  3a  
Soil Ph:  Can tolerate acid to alkaline soil (pH 5.0 to 8.0)  
Salt Tolerance:  Tolerates salty soil  
CU Structural Soil™:  Yes

**Insect Disease**

susceptible to anthracnose; intermediate preference by orange-striped oakworm

**Bare Root Transplanting**

Difficult

**Other**

Native to North America (from Nova Scotia to Manitoba, south to Texas); very difficult to transplant. Transplant small sizes in spring
### Moisture Tolerance

<table>
<thead>
<tr>
<th>Very Wet</th>
<th>Consistently moist, well-drained soil</th>
<th>Occasional periods of dry soil</th>
<th>Prolonged periods of dry soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
</tbody>
</table>
Cultivars for *Quercus macrocarpa*

Showing 1-4 of 4 items.

<table>
<thead>
<tr>
<th>Cultivar Name</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heritage</td>
<td>'Heritage' (a.k.a. 'Clemons') - broadly pyramidal to oval form; a hybrid with English oak <em>Q. robur</em>; vigorous grower to 80' tall x 50' wide. dark green, glossy foliage; resistant to mildew and wind tearing</td>
</tr>
<tr>
<td>Urban Pinnacle</td>
<td>'Urban Pinnacle' - narrow pyramidal to oval form with a strong central leader; glossy foliage; resistant to both mildew and anthracnose; extremely small acorns for this species; grows to 55' x 25' wide</td>
</tr>
<tr>
<td>Ashworth</td>
<td>'Ashworth' - small sweet acorns and high yields which require little processing and are more easily edible; grows to 40 - 50' high and wide</td>
</tr>
<tr>
<td>Cobblestone</td>
<td>'Cobblestone' - broadly oval form; markedly corky bark giving it an ancient look even when young; dark green foliage; mildew and anthracnose resistant; grows to 55' tall x 45' wide</td>
</tr>
</tbody>
</table>
Photos

Quercus macrocarpa - Habit, Fall Interest

Quercus macrocarpa - Leaves, Bark
Quercus macrocarpa - Leaves

Quercus macrocarpa - Leaf, Fall Interest
Quercus macrocarpa - Bark

Quercus macrocarpa - Bud
Quercus macrocarpa - Bark

Quercus macrocarpa - Bark 'Cork Wings'
Quercus macrocarpa - Bark, Habit