

# Carbon Performance Certificate (beta) Trees and Shrubs



Barcham Trees Plc  
Eye Hill Drove  
Ely  
Cambridgeshire  
CB7 5XF



This certificate shows the carbon performance for this tree. It indicates the efficiency of this tree based on the amount of carbon it will absorb from the atmosphere and store within its woody tissues, over its anticipated 'ideal' lifespan. The carbon capture for each tree is compared to all the other trees and shrubs which are supplied by Barcham to provide a rating. There is more advice on how to interpret this information on the Treeconomics website at: [www.treeconomics.co.uk/treecarboncertificate/](http://www.treeconomics.co.uk/treecarboncertificate/)

## Species

<b>English Oak</b>	<b>Quercus robur</b>
Varieties, subsets, and hybrids which are included within this species calculation:	Fastigata, Fastigata koster, Regal prince

## Carbon Performance Rating

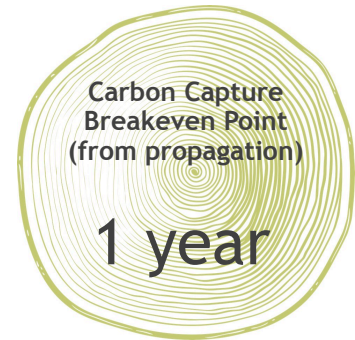
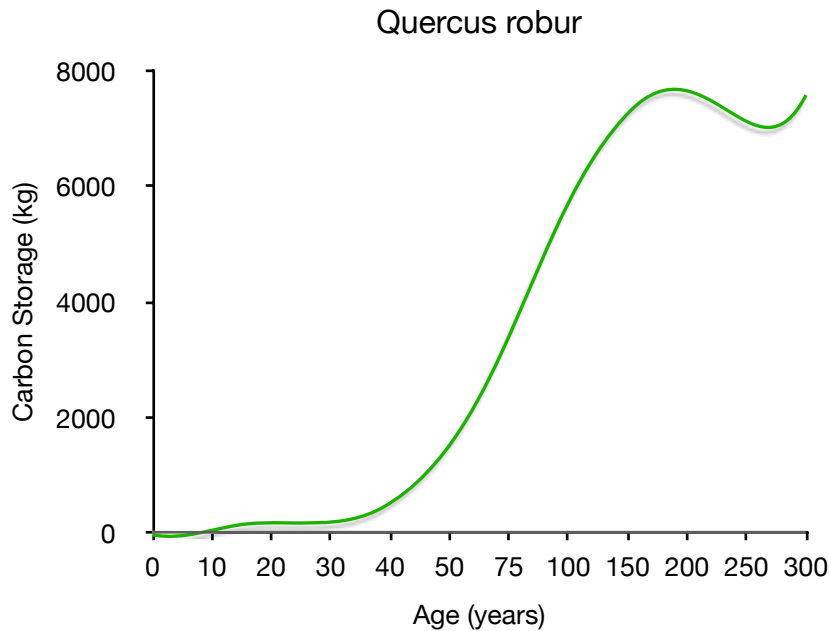
**More Carbon efficient:**  
Larger stature, longer lived, more carbon stored



**Less Carbon efficient:**  
Smaller stature, shorter lived, less carbon stored

## Technical Information

### Carbon capture and cumulative storage over lifespan



This diagram shows the rate at which the tree will store carbon as a dry weight over its anticipated lifespan and the age at which the tree will offset the carbon it took to grow, deliver and plant it.

Barcham  
Species Ranking

3\*/553

Asterisk denotes that more than 1 species or variety shares this position

## Further Information

Over the past 10 years, measurements from thousands of urban trees have been collected in towns and cities across the UK by Treeconomics and its project partners. This detailed information on tree structure (height, trunk diameter, species, crown dimensions etc) has been run through a sophisticated computer model called i-Tree Eco. i-Tree Eco is a peer reviewed, open source and freely available software suite, used internationally to assess urban trees and calculate their benefits to society.

For further information and detailed methodology go to: [www.treeconomics.co.uk/treecarboncertificate/](http://www.treeconomics.co.uk/treecarboncertificate/)