

Carbon Performance Certificates

Rating nursery trees according to their carbon capture potential

We provide nursery trees with a carbon efficiency rating so that specifiers can make more informed choices



Carbon Performance Certificate (beta)

Species: Silver Birch
 Varieties, subsets, and hybrids which are included within this species: Beverley Beauty, Crisp, Dalecarlica, Fastigata, Obelisk, Purpurea, Royal Frost, Triata, Youngi, Zeisters Glory

Species: Betula pendula

Carbon Performance Rating

5000-7000kg	Large Trees	A
2000-5000kg	Medium Trees	B
500-2000kg	Small Trees	C
50-500kg	Large Shrubs	D
5-50kg	Small Shrubs	E

Technical Information

Carbon capture and cumulative storage over lifespan

Betula pendula

Age (years)

3224kg

Barcham Species Ranking 161/553

Carbon Capture Break-even Point (from propagation) 1 year

Our carbon performance certificates provide each tree in your nursery catalogue with an efficiency rating (A-E), according to its carbon performance.

The efficiency rating directly relates to the amount of carbon absorbed by the species in question, 'A' indicating the greatest absorption potential. The certificates also show how long it will take before the tree will offset the carbon it took to grow, deliver and plant it.

Armed with a carbon rating, each tree is comparable to other trees and shrubs in your nursery catalogue, giving those charged with specifying tree species, clear data with which to make decisions.

This approach can assist local authorities to work towards carbon reduction targets. Carbon capture is not the only benefit that trees offer, but it is the one that can make a real difference to achieving net-zero ambitions.

[Click here to see a sample carbon performance certificate](#)



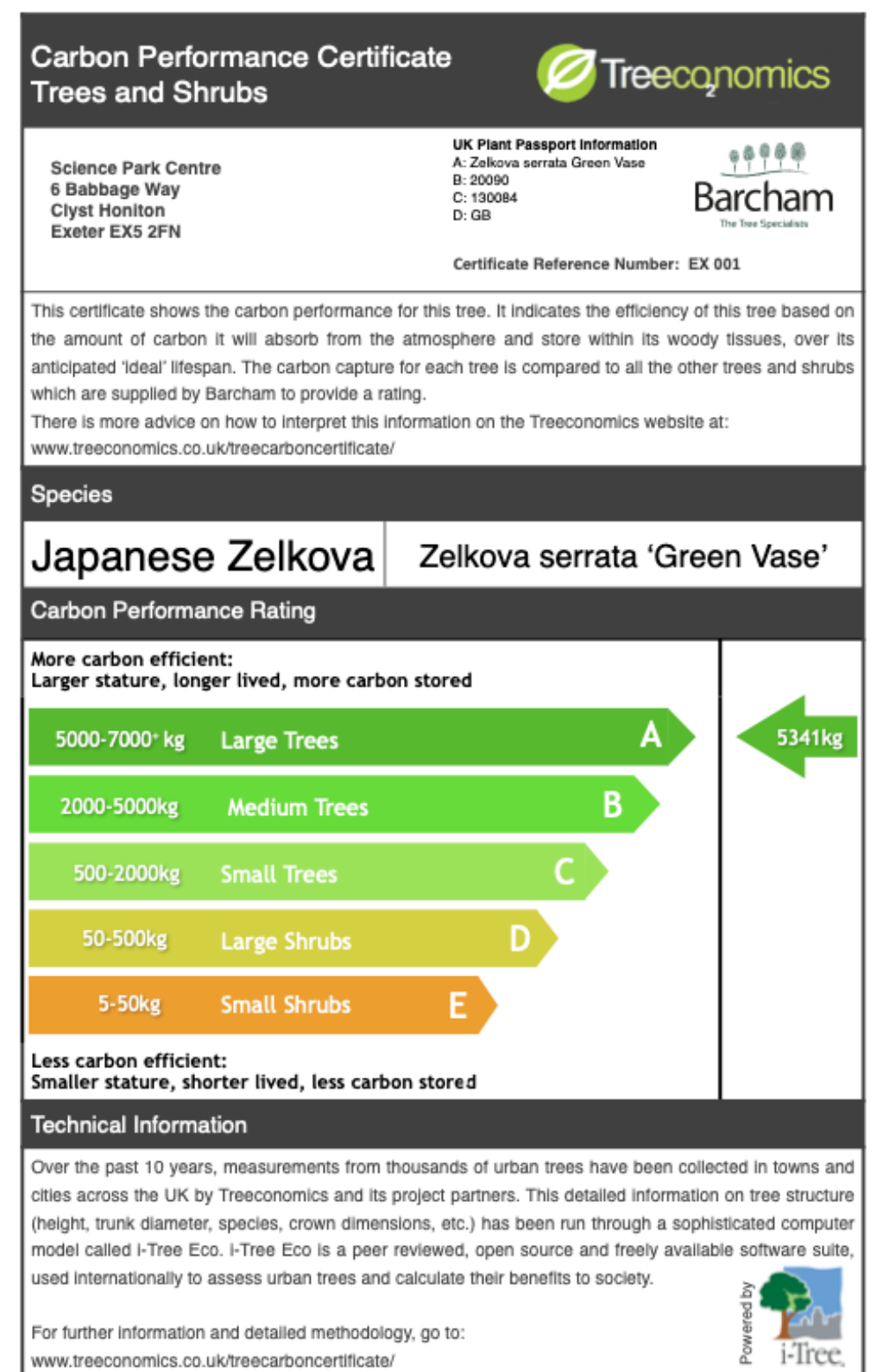
Contact us to discuss



01392 249170
info@treeconomics.co.uk
www.treeconomics.co.uk

an English Oak will absorb around 7,500kg of carbon over its anticipated 'ideal' lifespan, making it an extremely efficient 'A' rated tree

The technology behind this product is i-Tree Eco, which is able to provide accurate data on a multitude of ecosystem services, most notably carbon storage.



"We are delighted with the work that Treeconomics has done in classifying the range of trees we grow, this will make it easier for our customers to make informed planting decisions and maximise their ecological return on investment. This is very innovative work and we hope it will help to bridge the gap between science and end user tree selection."

Barcham Trees Plc

[Click here](#) to read more about the Barcham project

