



# Bamboo Information Sheet

Bamboo is a biobased, biodegradable alternative to fossil-fuel based fabrics (such as the most common forms of polyester). Whilst it still requires some chemical manipulation to turn the organic plants into fabric, Bamboo is widely recognised as a more environmentally conscious alternative to polyester.



Eco Credentials	Reality Check
<ul style="list-style-type: none"><li>▪ Bamboo is <b>biodegradable and renewable</b> (absorbing carbon dioxide from the atmosphere and replacing it with oxygen).</li><li>▪ Bamboo <b>self regenerates</b> from its own roots <b>without the need for synthetic fertilisers</b> (improving soil quality as it grows).</li><li>▪ Bamboo is <b>naturally pest resistant</b> (meaning <b>pesticides aren't needed</b>).</li><li>▪ Bamboo <b>requires far less water</b> to grow than most similar crops (e.g. cotton).</li><li>▪ Bamboo is believed to possess <b>antibacterial and antifungal</b> properties.</li><li>▪ Most Bamboo fabrics are <b>suitable for dying with natural/vegetable-based dyes</b>.</li></ul>	<ul style="list-style-type: none"><li>▪ Crops still <b>undergo chemical manipulation</b> to be turned from plants into fabric (however, these can <b>be re-captured and re-used</b> to create a closed loop system).</li></ul>