Plant Silk Information Sheet

Plant Silk is a biobased 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, Plant Silk is widely recognised as a more environmentally conscious alternative to polyester.



Eco Credentials	Reality Check
▪ Biobased synthetic textiles (e.g. Modal, Corn and Soy) **create fabrics from numerous renewable crops**. ▪ Crops can be **used efficiently, minimising waste** (e.g. soybean waste, left over from the soy food industry, can be used to create Plant Silk). ▪ Plants can be farmed on a smaller scale, **decreasing farmers' dependence on fertilisers and pesticides** as well as the amount of **land and water needed**. ▪ Plant Silks are believed to possess **antibacterial** properties. ▪ Most Plant Silks are **suitable for dying with natural/vegetable-based dyes**.	▪ Crops still **undergo chemical manipulation** to be turned from plants into fabric (however, these can be **re-captured and re-used** to create a closed loop system).