



Agrotexiles



Biodegradables



Geotextiles



Specialist



Wildlife



Living Walls & Roofs



Accessories



Ecotex MulchMat™

Biodegradable Weed Control Membrane

COMPARATIVE STUDY

Study: **Weed Control Fabrics Test**

Date: **April 2013**

Four types of weed control fabrics were trialled to test their relative performance. From left to right:



1. Coir mulch mat with black foil 530g/m²
2. Woven PP fabric, UV stabilised, 90g/m²
3. Jute fabric, 1000g/m²
4. Ecotex MulchMat™ biocovers, PLA non-woven 157g/m²
5. 10cm layer of bark chips used in front of slope.



During the test period, no maintenance activities were performed.

Application Categories: Landscaping and Weed Control, Horticulture, Agriculture and Equestrian

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Study: **Weed Control Fabrics Test**

Date: **August 2013**

Conclusion after 4 months:

- Bark (5) has proved not efficient and can even stimulate weed growth, as airborne seed can anchor and develop in the bark chips
- The jute fabric (3) fibres start to degrade and in some locations weeds start to develop.
- The other fabrics, including our Ecotex MulchMat™ are performing well.



3. Jute fabric, 1000 g/m²



5. 10cm layer of bark chips used in front of slope.

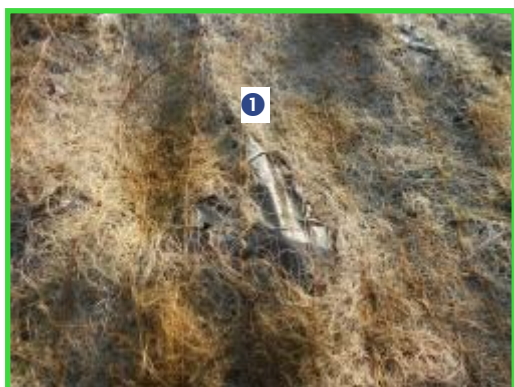
Application Categories: Landscaping and Weed Control, Horticulture, Agriculture and Equestrian

Study: **Weed Control Fabrics Test**

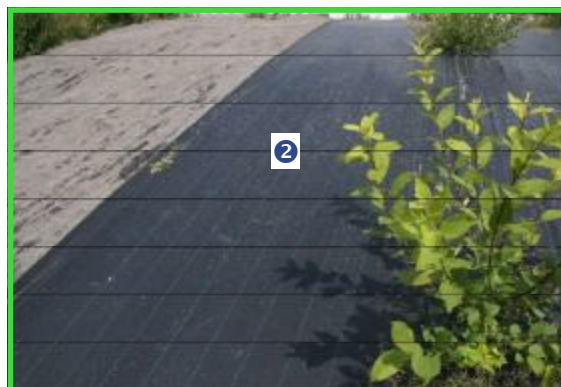
Date: **June 2014**

Conclusion after 14 months:

- The coir fibres are degrading fast and the black foil is clearly visible (1)
- The non-degradable synthetic woven fabric is working well. Some weeds have grown around fixing pins (2)
- The lifetime of jute fabric is not sufficient (3) and weeds can easily develop through the fabric.
- The Ecotex MulchMat biocover (4) PLA fabric meeting the expectations with no weeds growing through the fabric
- Bark does not prevent weed growth (5) and in some locations weeds have overgrown the bark completely.



1. Coir mulch mat with black foil 530g/m²



2. Woven PP fabric, UV stabilised, 90 g/m²



3. Jute fabric, 1000 g/m²



**4. Ecotex MulchMat™ biocovers,
PLA non-woven 157g/m² 530g/m²**



5. 10cm layer of bark chips used in front of slope.

For more information on Hy-Tex UK Ltd's Ecotex MulchMat™ and their wide range of biodegradable products, visit hy-tex.co.uk

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