Technical Data Sheet

RAINBOW SPIRAL GUARD

Rural Tree Planting

The Rainbow Spiral Guard has passed all required tests against EU guidelines and is classified as a fully compostable spiral guard solution.

Rainbow is made from 100% biodegradable polymers; although the product itself is not biodegradable, it is bio-based and compostable.







Benefits

- Fit for purpose: has a lifespan of a minimum of 3 years
- 100% plant based: consists of only non-toxic resources, namely PLA and biodegradable additives – which are made from plants making this alternative non-toxic to the environment
- 100% degradable: these guards will degrade over time through bacteria found in compost and soil or due to the enzymatic reactions. The rate of natural degradation depends on the thickness of the remaining polymers and environmental conditions, such as heat, moisture, bacteria and temperature
- Less harmful in the oceans

Credentials

Manufactured in Certified Biopolymers which will not damage the environment during or after use.

- The Rainbow Spiral gives protection for an estimated 4–5 years, after which time the biopolymers start to break down
- No oil-based plastics are used. Polymers are 100% biodegradable, biocompatible, non-toxic and eco-friendly
- Low-cost tree protection through a simple and proven design
- Supplied in a light green tint to blend in perfectly with surroundings
- No maintenance required as the protector expands as the tree grows
- Easiest and quickest protector to install as no ties or fixing required
- Protects trees from weed spray mist with the no hole option