



rainbow
professional
shaping your environment

Rainbow Vole Guard

Our case for change:

Rainbow's cost-effective Vole Guard has traditionally been the market leader in protecting trees against voles. Last year, we received feedback from the market that suggested a need for a product that is easier to screw into the ground, thus preventing voles from crawling under the guard and damaging young trees. Rainbow's Vole Guard is designed to protect young trees from damage by browsing animals, such as voles and mice. It prevents them from ring barking the trees. Although they are suitable for use in a wide range of conditions, they are best suited to overgrown areas, as this is where voles are most commonly found.



Recycled Vole Guard

- Manufactured from 100% recycled materials and sourced from factories across the UK and Europe.
- Use 25% less plastic than our competitors.
- Made from the most recyclable polymer in the world and can be recycled up to nine times.

Bio Vole Guard

- **Raw materials:** We use plants (not oil) to make our plastics. The materials are certified as 100% bio-based and compostable.
- **No competition with food sources:** By only using post-industrial waste and off-cuts from factories' manufacturing products from biopolymers, the 'plants' that are used in our spirals are not competing with other food sources. Therefore, they contribute to a more productive biopolymer value chain.
- **Several end-of-life options:** Once it has served its purpose, the product can be recycled and composted to create healthy soil nutrients or used to generate energy. Recent research has shown that various applications that are made from the same base material degrade faster than an orange peel in a municipal composter.
- **In-field performance:** Our Vole Guards are fit for purpose and designed to last approximately three to four years before they start to degrade.
- **Raw materials:** We use plants (not oil) to make our plastics, using only 100% biodegradable materials. The materials used are certified as being 100% biobased and compostable.
- **No competition with food sources:** By only using post-industrial waste and off-cuts from factories manufacturing products from biopolymers, this means that the 'plants' used in our spirals aren't competing with other food sources and therefore help contribute to a more productive biopolymer value chain.
- **Growing number of additional end-of-life options :** After its useful life, the product can be recycled composted to create healthy soil nutrients, or used for energy generation. Recent research has shown various applications made from the same base material degrade faster than an orange peel in a municipal composter.
- **In-field performance:** Our Vole Guards are fit for purpose and designed to last around 3-4 years before degradation starts.
- **Toxicity:** Unlike oil-based plastics, the Bio Vole Guard is completely non-toxic when degraded. In fact, when degraded, only water, CO2 and biomass remains.

