NexGen Vole Guard Introduction

NEXGEN 5 YEAR WARRANTY CONDITIONS APPLY

For more **Warranty** information see warranty document.

Plant sold separately

A great solution for protection from voles that is fully biodegradable, ensuring a positive environmental legacy.

Every year thousands of trees are killed by vole and mice. NexGen vole guards can help you replace the use of plastic vole guards with a viable, environmentally friendly alternative, that includes a 5 year warranty.

The man behind the innovation is Gary Hurlstone, whose father Graham invented the Tubex Tree Shelter in the mid 1980's. Gary took his father's 35 year old design and set out to deliver a range of protection that performs at least as well, whilst being environmentally friendly and cost effective.

The NexGen vole guards are made from a special mix of over 60% British wool (certified by British Wool), a biodegradable polyol (made from ethically sourced cashew nutshell liquid and castor oil), and an innovative biodegradable custom polymer.

At its heart is a simple concept that has taken four years of extensive research and development, working with foresters, landowners and industry experts, to deliver the next generation in vole guards.

Scientifically proven as fully biodegradable, the design means they are easily installed and can be left in situ, especially useful in overgrown areas where voles are found.

Benefits

- Protects from voles & mice
- Easy installation – no support needed
- Fully biodegradable – no need for collection & recycling

Installation

Separate from nest of 2 guards, gently insert over the plant. Push the guard into the soil slightly to create an effective barrier against vole and mice damage.

Note – no support is required if installed correctly, however should you wish to provide your young tree plant & vole guard with extra support then we recommend using a cane.

See installation diagrams (pg 4) for more information.

Specifications:

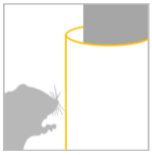
Dimensions	NexGen Vole Guard
Height m	0.2*
Diameter mm	43-53*
Number of ties	Not required
Average weight/tube g	tbc
Packaging	**NexGen Vole Guard**
Nest	2
Bundle	378
Bag or box	Compostable box

Material	NexGen Vole Guard
Tube	British wool + biodegradable polyols
Tie	NA
Tube colour	Natural
Service life	Minimum 5 years
Biodegradable	Yes
End of life	Leave in situ to biodegrade
Recycling options	Compostable outer box
Recommended support	If required (for very young plants) - cane

* Manufacturing tolerance of +/- 10% on tube height and diameter.

NexGen Vole Guard Features & Benefits

Plant Welfare

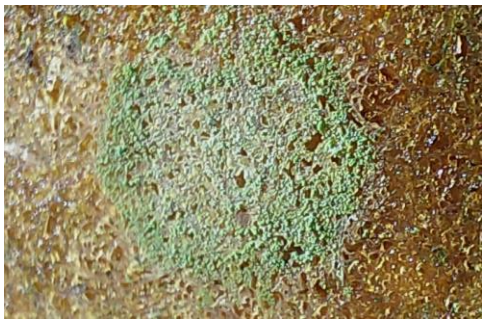


Animal protection
Protects young plants against damage from vole and mice.

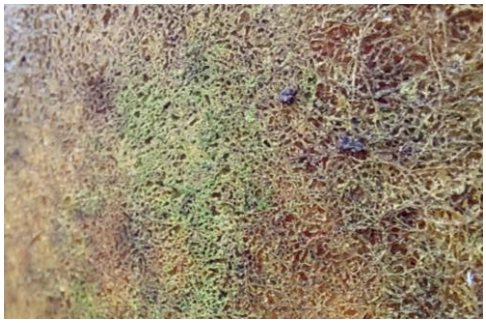
Wind protection
Delivers wind break effect, protecting plants on exposed sites.

Herbicide protection
Solid tube to prevent herbicides and pesticides getting inside the shelter.

Auto tree release
After 5 years, the vole guard biodegrades to allow the tree to release itself.

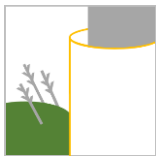


Evidence of biomass growth on aging guards.



Lifespan

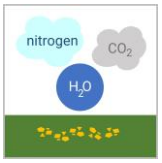
5 years protection
Confirmed by independent weathering certification* (depending on location, tree canopy, soil & microbes).



Solid tube
To ensure vole guards stay on the tree in windy conditions.

Natural colour
The colour changes over time blending into the natural environment with no loss of performance.

Supports biodiversity
Over time, mosses and lichens grow on the guards, supporting a rich biodiversity.



No impact on environment
Breaks down as H2O, CO2 and nitrogen, becoming a form of 'bug food'.

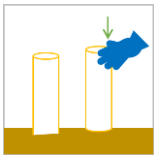
pH and ecotoxity neutral
Does not change soil pH levels when breaking down.

Fully biodegradable
Because of the materials used, the NexGen range is fully biodegradable.

Installation

Compostable boxes
In compostable cardboard boxes for ease of transport and handling.

Nested
For ease of movement around site.



Longitudinally rigid
Meaning the vole guard can be pushed into the soil, discouraging burrowing animals.

Can be left in situ
Especially useful in overgrown areas where voles are found.

No removal needed
Save money – no collection or recycling needed.

* *"After extensive testing Impact Solutions can confirm that the NexGen unique combination of materials will biodegrade. At around 5 years the tree shelters will start to break down resulting in neutral pH and ecotoxicity, and will become food for micro-organisms."*
Steven Burns
Impact Solutions, Scotland

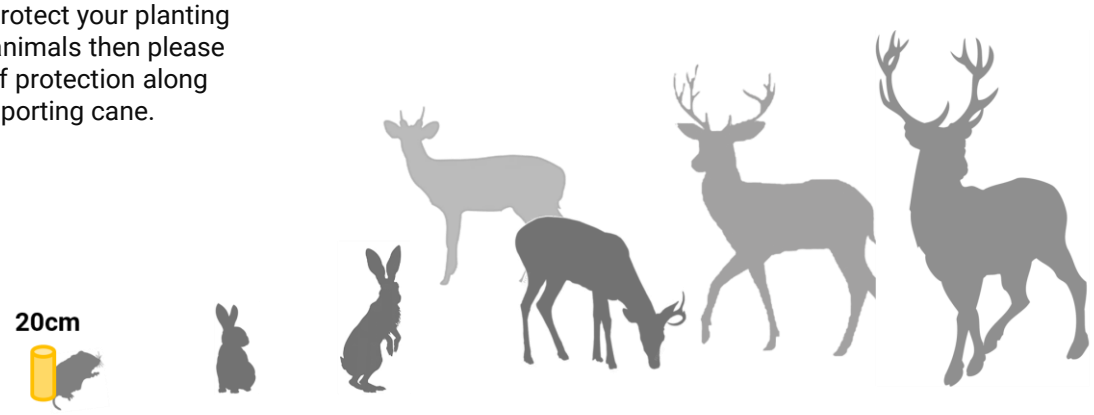
01673 818443
British Hardwood Tree Nursery Ltd, Norton Road, Snitterby, Lincolnshire DN21 4TZ
www.britishhardwood.co.uk

NexGen Vole Guard Range Choices

Height

Vole Guards will help protect established planting schemes from voles. They will not protect against animals that are taller than voles.

Should you wish to protect your planting scheme from other animals then please select a taller form of protection along with the relevant supporting cane.



Protecting against	Vole	Rabbit	Hare	Muntjac / Roe Deer	Fallow Deer	Red Deer
Minimum height of tube for protection	20cm	60cm	75cm	1.20m	1.50m	1.80m
Height of supporting cane	Not required*	75cm	90cm	1.20m or 1.35m	1.50m	1.80m

** Should you wish to provide your young seedlings with extra support, then we recommend using a cane.*

NexGen Vole Guard Available Sizes

NexGen Vole Guard Installation

Installation

For young established trees (no cane support)

1. Remove guard from it's nest of 2 guards (fig 1).
2. Gently feed over the young tree (fig 2).
3. Push guard 1cm to 2cm into the soil to create a barrier for vole and mice, and to help hold the guard in place (fig 3).
4. Leave in situ to biodegrade.

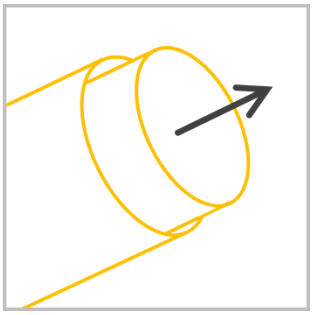


Fig 1

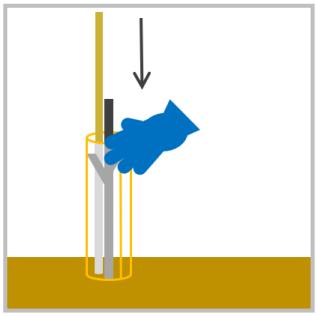


Fig 2

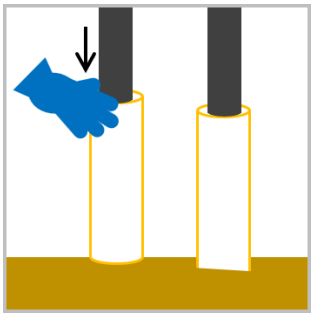


Fig 3

For younger plants that may require support (with cane)

1. Having planted your transplant or seedling, gently push a cane into the ground next to it (see fig 4), about 2cm away from base of stem.
2. Remove guard from it's nest of 2 guards.
3. Open the guard and feed over **both** the cane and the plant, allowing the coil to wrap back over itself.
4. Push guard 1cm to 2cm into the soil to create a barrier for vole and mice, and to help hold the guard in place.
5. Leave in situ to biodegrade.

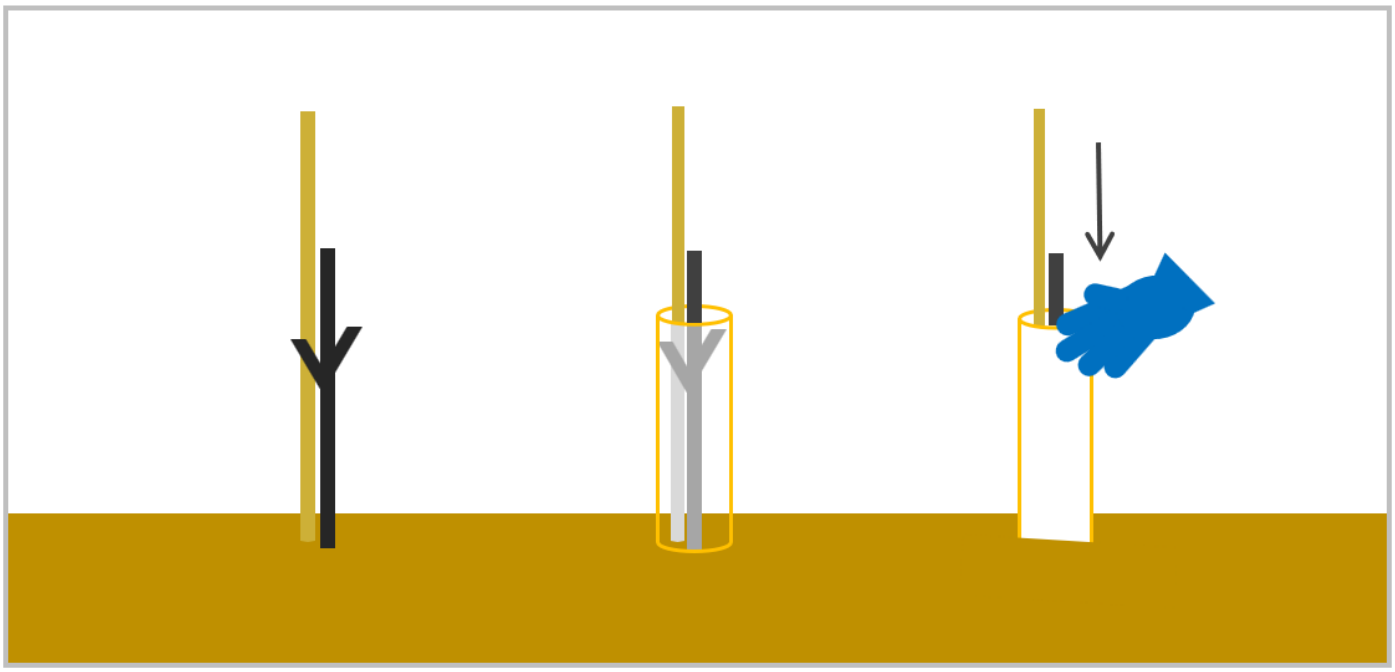


Fig 4