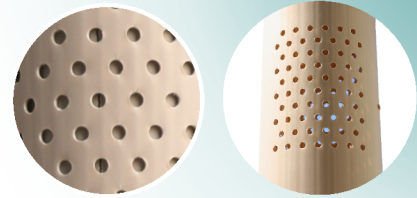


Vigilis-Bio VentAir are plastic-free tree shelters with perforated holes. They have all the same benefits & features as standard tree shelters, but without the plastic. 100% soil biodegradable (tested to ISO 17556). No need for collection. Non-toxic to the soil (tested to EN 13432). Functional life of 5 years, followed by a further 2-3 years to fully biodegrade. All that remains after biodegradation is water & minerals.



SPECIFICATION FOR VIGILIS-BIO VENTAIR

Materials	Made from derivatives of bio-based materials (potatoes, wood & corn). The cellulose structure of these materials is used to create a bio-based polymer.
Construction	Twin walled design with a laser line to prevent strangulation. Strong yet lightweight construction with optimal strength to weight ratio. Vigilis-Bio VentAir have perforated holes for airflow, ventilation and light transmission.
Rim	Flared upper rim to minimise stem abrasion.
Lifespan	Non-toxic UV stabilisation ensures that Vigilis-Bio VentAir Tree Shelters maintain mechanical strength for at least 6 years. After this initial 6 year period, the structural integrity of the tube starts to fail. The material will then begin to fracture and fall on to the forest floor over an additional period of 2-3 years. It will start to biodegrade as soon as it is in contact with the leaf litter, soil and/or microbes. It has been designed to compost in soil conditions at 20 degrees Celsius. After biodegradation, all that remains is water, biomass and minerals. No micro-plastics or toxic residues.
External Testing	The Vigilis-Bio range of products are tested to: ISO 17556: Soil biodegradability. ISO 4892-3: Weathering testing under laboratory conditions. EN 13432: Non-toxic to plants & soil.
Colour	Muted brown colour.
Fastenings	Pre-fitted with either 1 or 2 releasable/soil biodegradable cable ties. 0.6m & 0.75m = 1 cable tie 1.2m, 1.5m & 1.8m = 2 cable ties
Nests, Bundles & Diameters	Nested in 5's (Diameters: 73mm 84mm 92mm 102mm 110mm). Bundled in packs of 30.
Storage	Store away from direct sunlight (undercover) in dry conditions. Store upright and do not put anything heavy on top.
Height	Available heights (±20mm) 0.6m 0.75m 1.2m 1.5m 1.8m
Tree Shelter Weight	(±10g) 0.6m = 0.166 kg 0.75m = 0.206 kg 1.2m = 0.333 kg 1.5m = 0.414 kg 1.8m = 0.5 kg
Browsing Protection	Protection against: 0.6m = Rabbits 0.75m = Hares 1.2m = Muntjac Deer 1.5m = Fallow Deer 1.8m = Red Deer
Part Number (SKU)	0.6m = 201656 0.75m = 201663 1.2m = 200949 1.5m = 201687 1.8m = 201694

