Bio Root Ball Anchoring

Bio Tree Anchoring

The GreenMax Root Ball Anchoring system is also available in a biodegradable form. The straps in this system are made of Bio Based polymers which breaks down after its intended use, to result in natural by-products.

No need for maintenance or remembering to cut the straps 5 years after planting the tree, when using our Bio Root Ball Anchoring system. Our system will loosen after several years due to the biological break down of the straps, prevented strangling or damaging tree roots.

The GreenMax Bio Root Ball Anchoring is certified by the European Bioplastic Quality Mark and provides a tested sustainable solution for anchoring trees underground.

Test results

Testing (standards: DIN EN 12225 / DIN EN 13432 / DIN 18916) has shown that the organic straps remain sufficiently strong to vouch for stability during the first four years.

Material

- Fast and easy installation (± 10 minutes)
- User friendly
- No unsightly anchors or wooden tree stakes above the surface (nice final image)
- Completely biodegradable bio straps after 5 year
- This underground anchoring system stimulates a natural growth

Installation tools

Standard equipment:

Separate strap tension lever

Drive rod only necessary for ground anchors

Additional supplies (optional):

Ramrod

Drive rod remover

Application with anchors

Circum-ference	Type	The Root Ball Anchor set consists of
< 25 cm	GGB 1202025 BIO	■ 3 Bio-straps with steel anchors ■ 1 Root Ball protection mat (diameter: 60 cm) ■ 1 Bio tensioning strap with ratchet
< 35 cm	GGB 1202035 BIO	■ 3 Bio-straps with steel anchors ■ 1 Root Ball protection mat (diameter: 80 cm) ■ 1 Bio tensioning strap with ratchet

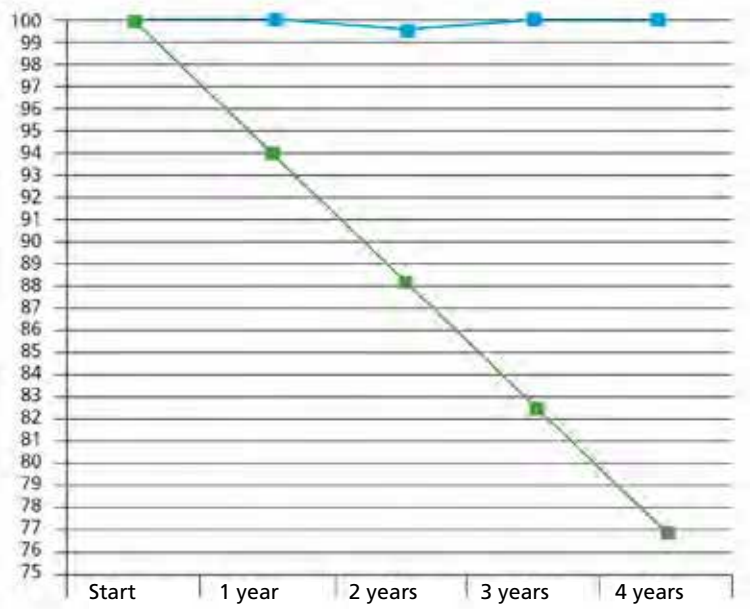
Installation tools required: drive rod (available in the length of 1 m or 1.5 m) and strap tensioner

Application with wire mesh or anchors

Circum-ference	Type	The Root Ball Anchor set consists of
< 35 cm	GGB 1202035 BIO 2	■ 3 Bio-straps without steel achor ■ 1 Root Ball protection mat (diameter: 80 cm) ■ 1 Bio tensioning strap with ratchet (length: 250 cm)

Installation tools required: strap tensioner and wire mesh

Degradation in % throughout a (simulated) four-year period, in accordance with the DIN EN 12225 standard



Standard polymer

Biodegradable polymer

Microbiological resistance in accordance with DIN EN 12225

The DIN EN 12225 standard describes a method for determining the microbiological resistance of geotextiles by means of a soil burial test.
Both the DIN EN ISO 846 and DIN EN 12225 standards prescribe specific temperature and humidity requirements. Furthermore, DIN EN ISO 846 calls for the presence of particular bacteria and fungi microbes. DIN EN 12225 prescribes the use of active soil, such as compost, in which natural forms of these micro-organisms are present.
The micro-organisms multiply by consuming the bioplastic.