



BIODEGRADABLE LANDSCAPE STAKES

PRODUCT INFORMATION SHEET

WHAT ARE GREENSTAKES™?

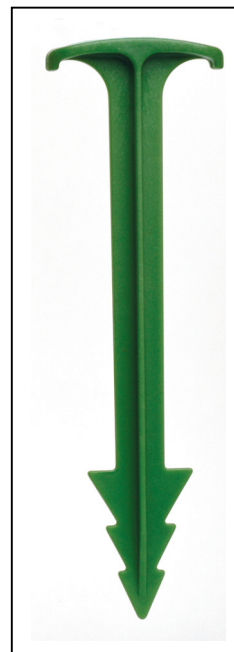
100% Biodegradable Stakes used to anchor Erosion blankets, Turf sods, turf Netting and Mulch mats and used in the following sectors: Landscape, Erosion Control, Golf, Sports-fields, Public Works, Commercial, Residential, Airports and DOTs.

GreenStakes® will store indefinitely, however once in the ground maintain their holding power up to 24 months, after which they will completely disappear unlike metal staples, which remain in the ground for 10+ years.

GreenStakes® are available in 2", 4" and 6" lengths and supplied in boxes of 500.

BENEFITS

- Safety:** Eliminate risk of injury caused by metal staples being walked on or thrown by mowers. Eliminate damage to mowers and tires caused by metal staples remaining in the ground for 10+ years.
- Performance:** Our 4" GreenStake™ design has 45% more anchoring force than the 6" metal staple - Independently Tested (see below) and can be used in place of other 6" stakes. Also GreenStakes® are really tough, as tough as metal and will penetrate the hardest ground.
- Labor:** No labor or time to return to site to remove GreenStakes™, unlike metal staples.
- Environment:** 100% biodegradable, leaving no residuals in the environment. Comply with ASTM D6400 Biodegradability Standard.



TECHNICAL

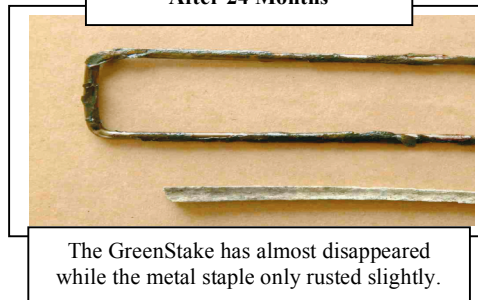
BIODEGRADATION

The GreenStake™ is 100% biodegradable and breaks down through natural microbial activity into carbon dioxide, water and humus. It complies with ASTM D6400 Biodegradation Standard. GreenStakes® will store until use, however once in the ground, GreenStakes® maintain their holding power up to 24 months, after which they will completely disappear. Because microbial activity is affected by moisture and temperature breakdown can take longer in different regions.

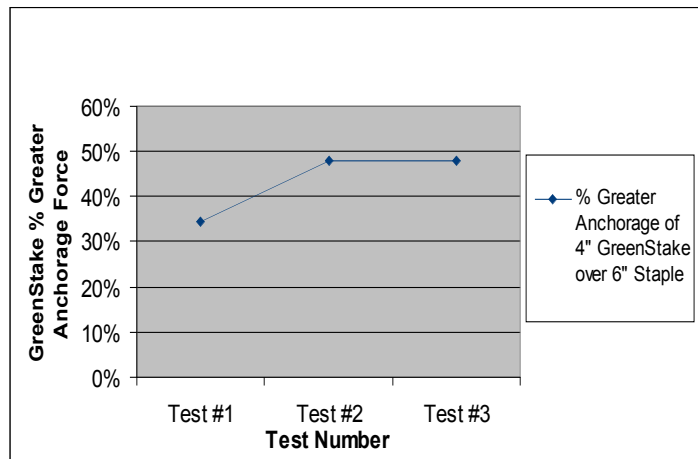
PERFORMANCE TESTING

Our 4" GreenStake™ has 45% more anchorage force than 6" metal staples. Independent tests were carried out by TRI Environmental (Texas), see charts and photos below. The results conclude that the 4" GreenStake™ design is a better performing stake due to the large surface area and large barbs, you can therefore use the cheaper 4" GreenStake® in place of other 6" stakes and staples.

**GreenStake .vs. Metal Staple
After 24 Months**



The GreenStake has almost disappeared while the metal staple only rusted slightly.



GreenStake Pull-Out Test



Staple Pull-Out Test