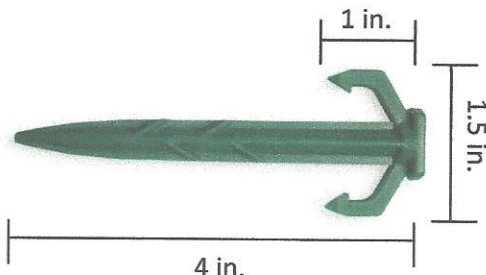




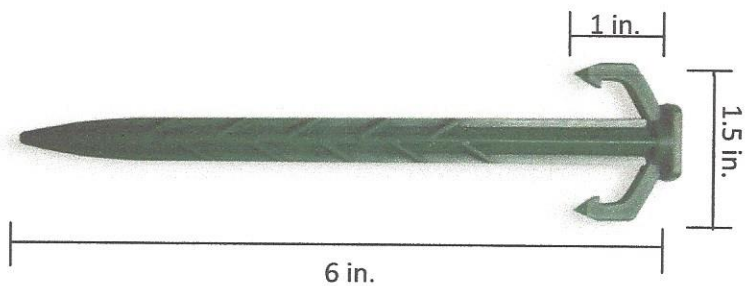
STAKES

OXO-BIODEGRADABLE ECOTURF MIDWEST PRODUCT SPECIFICATION

<b>Product</b>	<b>Ecoduty</b>
<b>Product Description</b>	Biodegradable Stake
<b>Sizes</b>	4-inch (10cm), 6-inch (15cm)
<b>Application</b>	<p>Ecoduty stakes are used to anchor erosion blankets, mulch mat, turf, protective covers and netting</p> <p>The 4" Ecoduty has 3.23 times more holding power than 6" metal staples due to the surface area and ribbed design. The 6" Ecoduty has 5.4 times more holding power than metal staples due to the 20 points of contact and ribbed design.</p>
<b>Material of Composition</b>	Polypropylene based resin from 100% recycled materials with an additive to cause breakdown and degradation
<b>Applicable Standards</b>	This product is produced to break down and degrade in accordance with ASTM Oxo-biodegradability standard, specifically ASTM D6954
<b>Oxo-degradation Process</b>	The additive changes the chemical structure of the stake when exposed to moisture and oxygen in the soil with a duration of 12-36 months. After such change, microorganisms cause the biodegradation of the remaining product. Because microbial activity is affected by moisture and temperature, breakdown can vary in different regions
<b>Oxo-degradation By-Product</b>	Carbon-dioxide, water and humus (organic component of soil), all of which are present in the environment
<b>Oxo-degradation Period</b>	Maintain holding power in the ground for 24 months after which it will biodegrade and disappear completely
<b>ECB Installation Pattern</b>	Stake installation configurations and instructions as per blanket manufacturer specification.
<b>Storage</b>	Ecoduty stakes have a shelf life of 36 months before loss of structure due to exposure to oxygen molecules which reduces their durability over time.
<b>Safety and Hazards</b>	See Material Safety Data Sheet (MSDS)



EDS - 4D



EDS - 6D



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