

Bio-SC™ Wattles

9-inch Diameter



Biodegradable Sediment Control

Biodegradable Bio-SC™ Wattles

North American Bio-SC wattles are an effective and biodegradable alternative to silt fence and straw bales for sediment control and storm water runoff in even the most environmentally sensitive areas. **No more need to remove poly-netting after straw degrades!**

The Bio-SC wattles are cylinders of recycled, compressed, straw fibers, that are wrapped in tubular organic, Leno-woven jute netting. The Leno-weave netting on the Bio-SC wattles offers high strength and fiber retention for increased durability while remaining all-natural.

Bio-SC wattles can be placed and staked along the contour of newly constructed or disturbed slopes. Their use to capture and retain sediment is an EPA-recognized best management practice (BMP).

North American Green Bio-SC WS925B (9" x 25') wattles are installed by staking in place utilizing North American Green 18 or 24 inch Eco-Stakes® and can be used individually or tied together to achieve any desired length.



The tubular Leno-weave netting used with the North American Green Bio-SC Wattles, adds increased strength and durability, while remaining biodegradable and safe for use in environmentally sensitive areas.



Advantages of North American Green Bio-SC Wattles

- **Completely 100% biodegradable netting and infill**
- Flexible netting results in little to no risk of wildlife entrapment
- No removal required, due to natural breakdown
- Flexible natural jute netting contours to soil surface
- Woven netting expands for easy stake insertion
- Stores moisture for vegetation planted immediately upslope
- Can be staked with fascines to stabilize low-velocity streambanks and establish wetland plants
- Lasts up to 18 months
- Easy installation that requires no special equipment

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Applications for Bio-SC™ Wattles

North American Green Bio-SC wattles can be used as a best management practice to ...

- **Control Sediment in Environmentally Sensitive Areas**
The Bio-SC wattles are an environmentally friendly, biodegradable product. The Leno woven net enables its jute strands to move independently of each other, allowing the net openings to expand as necessary; minimizing the risk of accidental wildlife entrapment.
- **Promote Stabilization and Revegetation of Stream Banks and Shorelines**
The Bio-SC wattles prevent sediment pollution of streams and are an excellent complementary component for soil bioengineering projects. The wattles can be used as bank toe protection, and allow for sedimentation behind the wattles.
- **Prevent Off-site Sedimentation at Active Construction Sites**
Keeps soil on-site and prevents it from washing onto pavement and asphalt; an economical and effective perimeter control alternative to silt fence and straw bales, without the need for removal after the project is completed.
- **Protect against Slope Erosion**
Wattles work to reduce the erosive effects of slope length and steepness; the product is even more effective when installed in combination with North American Green hydraulic or rolled erosion control products.
- **Low Maintenance Sediment Control**
The all-natural Bio-SC wattles naturally biodegrade eliminating the need for removal at project's end. Bio-SC can be used in hard to access areas, where removal is difficult.
- **Works as a Check Dam**
Prevents sheet erosion and rill and gully development on slopes and in swales and grassy waterways; in combination with a North American Green rolled erosion control blanket or turf reinforcement mat, wattles slow water velocity, filter out sediment, and prevent undermining of channel lining materials.
- **Provide Soil Stabilization for Forest Fire Rehabilitation**
Wattles slow the velocity of rain runoff and help to prevent rill and gully slope erosion by holding bare soil in place and trapping ash and sediment.

Proper installation is necessary to achieve stated product performance.

Please ask your North American Green Erosion Solutions Specialist for a copy of the installation instructions of North American Green's Bio-SC wattles, or visit our website at www.nagreen.com.

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