

# Bi○HarvestNet®

# Bi○TurfNet®

a truly  
**green**  
**approach**  
to turf production

*the natural choice for sod netting*

100%  
plant fibers  
NO PLASTIC

heavier than  
plastic net

no UV exposure  
needed to  
biodegrade

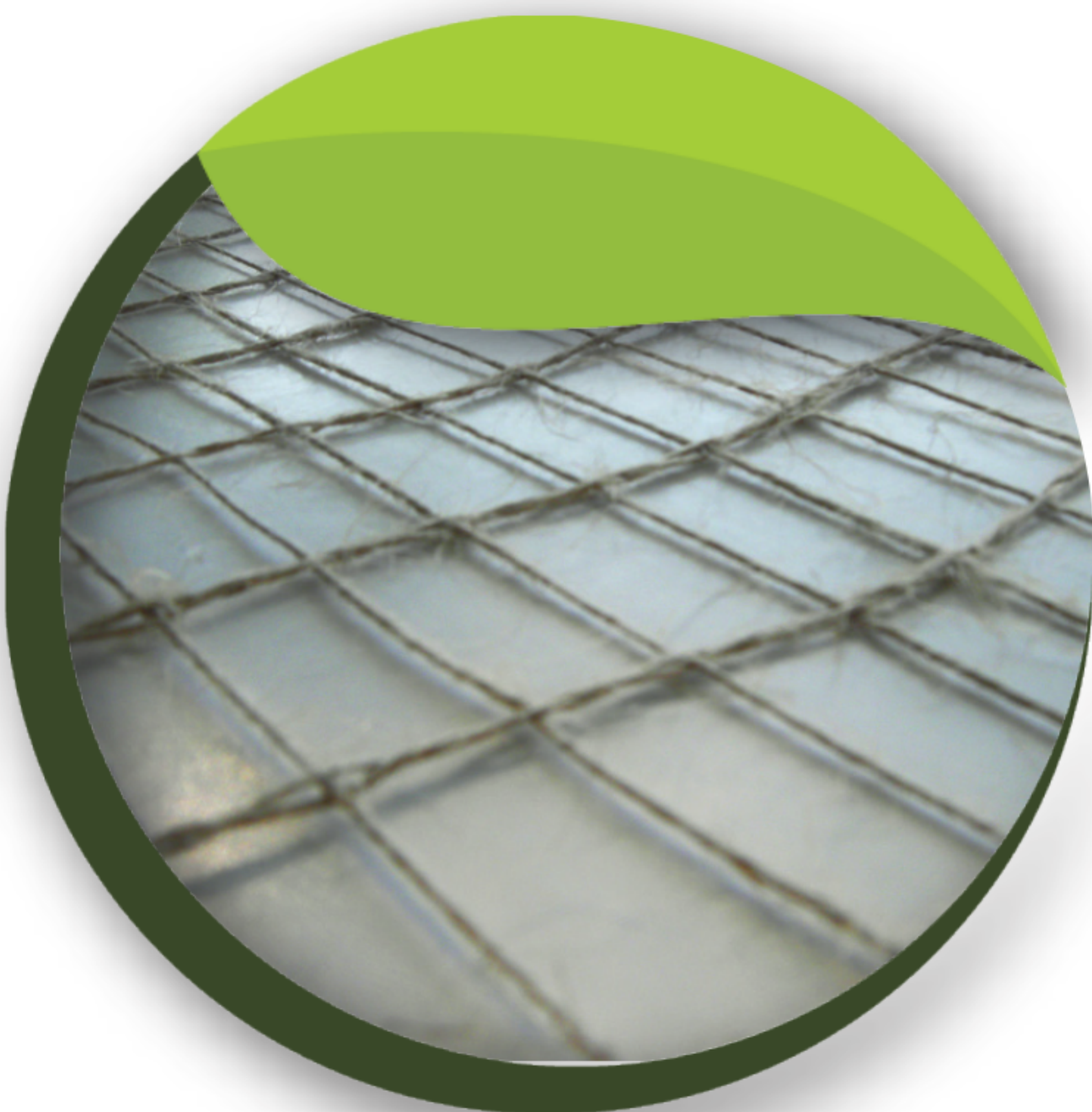
# BioHarvestNet®

BioHarvestNet® is a 100% biodegradable net (*patent pending*) made of plant fibers used during harvesting to support freshly cut sod and wrap the big sod rolls.



BioHarvestNet® is an environment-friendly alternative to traditional plastic big roll net. The sod rolls reinforced and secured by BioHarvestNet® are less prone to damage and retain most of the soil during transportation and installation. Since it is made from 100% plant fibers, it does not require sunlight (UV exposure) for degradation. Depending on the soil type, moisture content and other local conditions, BioHarvestNet® will biodegrade naturally through microbial action in about 3 to 6 months after coming into contact with the soil. The mulch-like material resulting from the microbial biodegradation helps improve the water holding capacity of the surrounding soil.

BioHarvestNet® is all about supporting the sod and keeping it as an intact roll from harvesting to laying. It keeps the sod supported across the full width of the roll, allowing for safe movement in the field, loading, shipping, unloading and laying. BioHarvestNet® is stronger along the longitudinal direction which is more critical to the functionality of the netting compared to the cross direction.



The flexible nature of the BioHarvestNet® makes it easy to handle. It is not springy like the traditional plastic big roll net, and is very easy on the operator's hands. BioHarvestNet® also significantly reduces wastage due to less number of broken sod rolls. Unlike plastic big roll net, the plant fiber matrix of the BioHarvestNet® absorbs and retains water which is readily available to the newly laid sod. In environmentally sensitive areas, upon installation of the sod, the plastic net is required to be removed and taken to the landfill. These extra steps can be eliminated if BioHarvestNet® is used instead. All these attributes improve the overall sod quality and reduce installation cost and time.

-BioHarvestNet® is available in: 29 in x 3,000 ft.  
41 in x 3,000 ft.  
49 in x 3,000 ft.

BioHarvestNet® helps create a truly ecofriendly and 100% natural turf with near zero carbon foot print and no plastic content.



# BioTurfNet®

BioTurfNet® is a truly eco-friendly alternative net (*patent pending*) to traditional plastic field net for sod growers.

BioTurfNet®, made from all natural plant fibers, is 100% organic and biodegradable through microbial action. Its unique interwoven, twisted construction makes it dimensionally stable and contributes to its high strength. By eliminating the use of plastic and its negative environmental impacts, BioTurfNet® offers a more eco-friendly operation; producing a truly 100% natural sod with zero plastic content.

When the netting is laid out during the initial stages of planting, the weight and flexibility of the netting allows for close adherence to the soil. The traditional plastic field net could spring up when unrolled in the field while BioTurfNet® would lay down on top of the soil surface by virtue of its own weight. As the grass seedlings germinate and grow, their root system intertwines with BioTurfNet®, producing a sturdy foundation. This allows for an earlier harvest resulting in increased productivity. In addition, BioTurfNet® absorbs water and releases it back to the soil as needed, offering a more water efficient and productive operation.

Featuring an attractive natural earth tone color, BioTurfNet® is made from renewable resources. The woven construction of BioTurfNet®, where the strands move independently of each other, prevents wildlife entrapment. On the other hand, the strands of the plastic field net are fused at the intersections making it very conducive to wildlife entrapment. Unlike plastic field net, BioTurfNet® does not get entangled in lawn maintenance equipment.

The dry weight of the BioTurfNet® is almost 4 times the weight of the plastic field net. This characteristic greatly reduces the occurrence of “tenting” of the netting and makes it easier to install in windy conditions where installing the traditional plastic netting can be rather challenging.

-BioTurfNet® is available in 16.5 ft. x 7,000 ft.



Interwoven twisted construction for increased dimensional stability.

BioTurfNet® provides a cost effective, reliable and better performing alternative to plastic field netting.



Product Comparison Table

Technical Specifications

| Benefits                                                            | BioTurfNet®<br>BioHarvestNet® | Plastic |
|---------------------------------------------------------------------|-------------------------------|---------|
| Made from natural and organic fibers                                | ✓                             | ✗       |
| 100% Microbial Biodegradable                                        | ✓                             | ✗       |
| Enables strong turf structure                                       | ✓                             | ✗       |
| Made from renewable resources                                       | ✓                             | ✗       |
| Interwoven twisted construction for increased dimensional stability | ✓                             | ✗       |
| Aesthetically pleasing, natural color blends with roots and soil    | ✓                             | ✗       |
| Eliminates entanglement of wildlife and equipment                   | ✓                             | ✗       |
| Improved soil hugging                                               | ✓                             | ✗       |
| Heavier than traditional plastic netting                            | ✓                             | ✗       |
| Absorbs water and releases back to soil as needed                   | ✓                             | ✗       |
| No synthetic chemicals and dyes                                     | ✓                             | ✗       |
| Resistant to tenting and springing                                  | ✓                             | ✗       |
| Near zero carbon footprint                                          | ✓                             | ✗       |
| Easy to handle and to install                                       | ✓                             | ✗       |
| Wind proof installation                                             | ✓                             | ✗       |

| BioHarvestNet®          |                                 |
|-------------------------|---------------------------------|
| Property                | Typical Value                   |
| Material Composition    | 100% Biodegradable Plant Fibers |
| Color                   | Natural/EarthTone               |
| Construction            | Interwoven Twisted              |
| Roll Width              | 29 in, 41 in, 47 in             |
| Roll Length             | 3,000 ft                        |
| Inside Diameter of Core | 3.0 in                          |

| BioTurfNet®                    |                                      |
|--------------------------------|--------------------------------------|
| Property                       | Typical Value                        |
| Material Composition           | 100% Biodegradable Plant Fibers      |
| Color                          | Natural/Earth Tone                   |
| Strip Tensile Strength (MDxCD) | 280 x 190 lbs/ft<br>(4.2 x 2.8 kN/m) |
| Construction                   | Interwoven Twisted                   |
| Roll Width                     | 16.5 ft                              |
| Roll Length                    | 7,000 ft                             |
| Inside Diameter of Core        | 4.0 in                               |

Since our inception, we at Nedia Enterprises, have dedicated ourselves to providing quality products and unprecedented service to our customers. All of our products are subject to stringent quality control to meet or exceed industry standards.

Customer satisfaction is our top priority. We ensure that our customers receive quality products, sound technical advice and the most competitive pricing in the industry. We can customize our products to meet specific project requirements.

Nedia Enterprises is committed to the environment. We believe that using biodegradable products is crucial in keeping the balance between the needs of the population and preserving our natural resources. We are constantly developing and improving our products to provide economic and environmentally sound results.



44675 Cape Court, Suite 120  
Ashburn, VA 20147  
Tel: (571) 223-0200  
Fax: (571) 223-0202  
Toll Free: (888) 725-6999  
E-mail: [info@biosodnet.com](mailto:info@biosodnet.com)  
[www.biosodnet.com](http://www.biosodnet.com)

Distributed By:



The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. Except when agreed to in writing for particular conditions of use, no warranty or guarantee expressed or implied is made regarding the performance of any product, since the manner of use is beyond our control. Any implied warranty of fitness for a particular purpose is expressly excluded. Nedia Enterprises, Inc will not be liable for any direct, indirect or consequential damage or loss occurred by any form of failure of our products. Recommendations made by Nedia Enterprises, Inc concerning uses or applications of our products are believed reliable and we make no warranty or guarantee of results obtained. Nothing contained herein is to be construed as permission or as recommendations to infringe any patent.