



US DEPARTMENT OF AGRICULTURE

# ROOTZONE GT-B SERIES

## USDA BIOPREFERRED

THE ONLY CERTIFIED SPORTS TURF SYSTEM IN THE INDUSTRY

**AstroTurf®**

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# USDA BIOPREFERRED PROGRAM

## ROOTZONE 3D3 GT-B SERIES A SUSTAINABLE CHOICE

### ABOUT THE BIO-PREFERRED PROGRAM

The BioPreferred Program is a USDA-led initiative that aims to facilitate the development and expansion of markets for biobased products. The increased development, purchase, and use of biobased products will reduce our nation's reliance on petroleum and increase the use of renewable agricultural materials.

### THE BENEFITS OF BIO-BASED PRODUCTS

Biobased products provide all the benefits as conventional products: they are cost-comparative, readily available (made by small companies and large corporations), and perform as well or better than their petroleum-containing counterparts.

Biobased products also help us increase our use of renewable resources while decreasing our use of non-renewable resources, such as petroleum. As found in the 2015 report, "An Economic Impact Analysis of the U.S. Biobased Products Industry," Biobased products displace around 300 million gallons of petroleum per year in the U.S., which is the equivalent of taking 200,000 cars off the road.

There are also considerable economic benefits from biobased products. According to a report USDA released in 2018, the biobased economy contributes a total \$459 billion to the U.S. economy each year, with 4.65 million jobs supported, directly and indirectly, by the biobased economy.

### UNDERSTANDING THE USDA BIO-PREFERRED PROGRAM

The USDA BioPreferred Program is a federal initiative designed to increase the purchase and use of biobased products. These products are composed wholly or significantly of biological ingredients, agricultural, marine, or forestry materials. The program's primary goals are to reduce the nation's reliance on petroleum, increase the use of renewable agricultural resources, and contribute to reducing adverse environmental and health impacts.

### KEY BENEFITS OF THE USDA BIO-PREFERRED PROGRAM

#### Environmental Protection:

Promotes the use of renewable resources and helps in reducing pollution and carbon footprint.

#### Economic Growth:

Supports rural economies by creating new jobs in farming and manufacturing.

#### Health Benefits:

Encourages the use of products that are safer for both human health and the environment. By certifying products like AstroTurf's RootZone 3D3 GT-B Series, the USDA BioPreferred Program recognizes their commitment to sustainability and innovation in developing turf solutions that are not only high-performing but also environmentally responsible.



AstroTurf's RootZone 3D3 GT-B Series is a revolutionary product that combines advanced turf technology with sustainable materials. The key to its sustainability lies in our innovative RootZone fibers and eco-friendly backing, both of which incorporate 11% biobased, sustainable materials. These components not only enhance the turf's performance and longevity but also contribute to a greener and more sustainable future.



### HERE'S HOW ROOTZONE 3D3 BLEND GT-B STANDS OUT

- Sustainable Material Integration:** The RootZone 3D3 GT-B Series is crafted using 11% of materials that are renewable and biobased. This not only helps in reducing environmental impact but also supports the global movement towards greener alternatives in industrial products.
- Trionic Plus Fiber Technology:** Our proprietary Trionic Plus fiber offers unparalleled strength and longevity. This advanced fiber technology ensures that the turf maintains its appearance and functionality over time, even under heavy use, making it an excellent choice for sports fields, playgrounds, and commercial landscapes.
- Enhanced Safety and Comfort:** Safety and player comfort are paramount. The RootZone system, featuring a thatch layer, helps in reducing the impact on athletes, thus minimizing injuries. It also provides a more natural feel and better traction, enhancing the overall playing experience.
- Cost-Effective and Low Maintenance:** RootZone 3D3 GT-B Series is designed for minimal maintenance, reducing the need for water, fertilizers, and pesticides. This leads to significant cost savings over the product's lifecycle and contributes to the reduction of environmental pollutants.

### THE ASTROTURF ROOTZONE SYSTEM

#### A Revolution in Turf Technology

AstroTurf's RootZone system is an innovation designed to replicate the natural root zone of real grass. It consists of a thatch layer integrated into the turf system, providing numerous benefits:

- Optimal Performance:** The RootZone system helps in maintaining the stability and uniformity of the playing surface. This is crucial for sports applications, where consistent performance is key.
- Improved Durability:** By mimicking the natural root structure, the RootZone system provides added resilience, allowing the turf to recover quickly from heavy use. This leads to a longer lifespan for the turf.
- Enhanced Drainage and Hygiene:** The RootZone layer promotes efficient drainage, reducing water pooling and enhancing the hygiene of the surface. This is particularly important in regions with heavy rainfall or for installations in areas that require frequent cleaning.
- Environmental Benefits:** Incorporating sustainable materials and requiring fewer resources for maintenance, the RootZone system significantly lowers the ecological footprint of the turf installation.

### Conclusion:

#### Leading the Way in Sustainable Turf Solutions

AstroTurf's commitment to sustainability and innovation is exemplified in the RootZone 3D3 GT-B Series. As part of the USDA BioPreferred Program, this turf product sets a new standard for eco-friendly, high-performance turf solutions. Whether for athletic fields, playgrounds, or commercial landscapes, the RootZone 3D3 Blend GT-B is designed to meet the highest standards of quality and sustainability.

**Join us** in making a positive impact on the environment and embrace the future of sustainable turf with AstroTurf's RootZone 3D3 GT-B Series.





**A PRODUCT OF THE ASTROTURF  
GREEN TECHNOLOGY PROGRAM**



**AstroTurf.**

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