

Green Dot Bioplastics introduces new biodegradable plastic for horticultural applications



Green Dot Bioplastics has developed a new biodegradable biocomposite for horticultural applications made from reclaimed biobased feedstocks.

What's more symbolic of sustainability than nurturing a healthy garden? Greenhouses and gardeners can now lessen the environmental impact of plastic pots with a new high-performing biodegradable plastic from Green Dot Bioplastics.

Made from 80 percent reclaimed and 80 percent biobased material, Terratek® BD2114 from Green Dot Bioplastics is a renewable and biodegradable alternative to traditional plastic pots. Reclaimed plant fibers serve as a visual reminder that this planter will safely return to nature once its useful life has ended. Biodegradation rates will vary according to environment and part size.

Using biodegradable plantable pots made with Terratek® BD2114 can reduce greenhouse water consumption by as much as 80%. Current compostable planters are most often made from paper, peat or cardboard. These absorbent materials allow water

to quickly evaporate from potting soil, requiring growers to water plants more often. Terratek® BD2114 does not absorb water, retaining moisture in the potting soil.

Plantable pots made with Terratek® BD2114 also provide advantages for retailers. The biocomposite plastic is more durable and has a longer shelf life compared to traditional biodegradable plantable pots. The plastic can be easily colored to enhance product differentiation.

Green Dot Bioplastics CEO, Mark Remmert explained, “Our new Terratek® biodegradable biocomposite offers unique functional and aesthetic attributes with a lighter environmental footprint compared to horticulture containers currently in use.”

Terratek® BD2114 from Green Dot is an ideal material to make plantable pots or tree and shrub containers more sustainable. The company can provide custom formulations of biobased and biodegradable materials to fit all types of horticultural applications.

About Green Dot Bioplastics, Inc.

Green Dot Bioplastics, Inc is a bioscience social enterprise headquartered in Emporia, Kansas. A full-service bioplastics company, Green Dot is dedicated to delivering the very best of sustainable materials to our customers. That’s the thinking behind our Terratek® line of bioplastics, developed to meet the growing demand for biobased and compostable materials with fewer of the drawbacks associated with traditional plastics.



527 Commercial Suite 310 Emporia, KS 66801
620-273-8919