

The Innovation to Fix Our Planet

Sustainable Solution for Reforestation



*"Its low tech design for providing
a simple and effective solution
for plants growing in harsh conditions,
while being eco-friendly."*

Tom Dixon

*British industrial design maestro and
final selection judge of Golden Pin Design Award*

Water-Storing Plant Incubator
BiotiCircular Fortune Planter



*The design is inspired from the shape of Chinese gold
bags, which symbolize the accumulation of wealth.*



The Best Combat against Coastal Erosion, Poor Soil and Harsh Climate

BiotiCircular Fortune Planter is a patented, watertight, and biodegradable planting incubator that eliminates irrigation, by supporting a sapling through its critical first year with an accessible reservoir of water and providing a reliable protection.

The Challenge

Establishing and maintaining trees can be a costly exercise, especially in the harsh climate and under severe environment. If the land is lack of water/rain, or with poor soil and strong winds, the usual method often results in significant plant mortality. Some of these costs can include:



Irrigation system cost



Water truck cost



Weeding Labor cost



Re-plant cost

How BiotiCircular Fortune Planter can Help

Blue Ocean Vision developed **BiotiCircular Fortune Planter**, a biodegradable tree incubator, holds 15 liters of water to irrigate the plants in the critical first grow period and one-time fill only.

Whether it's coastal or land restoration, revegetation programs, commercial or urban landscaping, rehabilitation, forestry restoration - **BiotiCircular Fortune Planter** is an effective enabler for improved and sustainable plant outcomes.

- High survival rate
- Low maintenance and cost saving
- Biodegradable

8 Easy Steps to Plant

Videos for showing more detail
<https://bit.ly/3JXH5kJ>



Sandbar Replantation



Afforestation on the coast



Planting at Floodplain



Enterprise Activity

Patent, Awards and Certificates



Special Design Award
2021



Bio-Renewal Prize/
Regeneration Award/
Pioneer Pot Prize



2 utility model patents
in Taiwan and China



(To be certified)



5 Major Benefits of BiotiCircular Fortune Planter



High Survival Rate

Experiments have shown that trees planted with the Fortune Planter can boost survival rates from 0-20% to 75-95%*.

*These results do depend on species, climatic and soil conditions.

Water Efficiency

The 15-liter storage capability and red wicks provide enough water and moisture retained to establish the seedling through its first year. One-fill only.



Cost Saving

The Fortune Planter saves a variety of costs, including irrigation set-up/maintenance, weeding labor, water truck, seeding failure and re-plant actions.



Biodegradable

The paper pulp biodegrades after one year and becomes substrate to the soil, making it both an eco-friendly and a no-hassle solution.



Great Scalability

The Fortune Planter can be used to plant large scales in each season, including the hot and dry summer period, or the land with poor soil and strong winds.



BiotiCircular Fortune Planter

The planting solution of BiotiCircular Fortune Planter offers a low-cost, sustainable and scalable solution to plant trees in arid soils.

The Fortune Planter coated with organic penetrant to keep watertight, provides water and shelter while stimulating the seedling to produce a healthy and deep root, tapping into the sub-surface water supply. It enables the sapling to survive in extremely arid climates and as such, aid in reforestation efforts by eliminating irrigation and maintenance.

The Fortune Planter can be used for different projects or purposes:



Ecosystem restoration



Urban farming



Agroforestry



City landscaping

BiotiCircular Fortune Planter Specification

Item	Double Holes	Single Hole
Dimension	Lid: L53xW32xH5cm Basin: L54xW34xH18cm Wicks: L55cm*2pcs	Lid: L49xW28xH4cm Basin: L50xW29xH14cm Wicks: L55cm*1pc
Storage Capability	15 liters	9 liters
Weight	1,300g±10%	1,000g±10%
Material	Lid and basin: 100% biodegradable recycled paper pulp coated with organic penetrant	
Period of use	One year after planting* *The decomposable rate would vary with the factors of moisture, temperature, exposure to sunlight and the presence of microorganisms.	

Disclaimer: Data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.

About Blue Ocean Vision

Founded in Taiwan, Blue Ocean Vision has dedicated to developing the solution to plastic-free and carbon-reduction and is also the leading innovator in the field of Circular Economy.

Since 2016, we've been worked with the most influential tree planting NGO in Taiwan to restore forest. Through various programs, including planting trees on campus or with enterprises and afforestation on the coast, we have planted over 520,000 trees with our innovative **BiotiCircular Fortune Planter** in Taiwan and China.

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