

# Aeroseed™

U.S. Pat. 11,304,380 & Pending Patents



*Dramatically reduces the cost of afforestation and reforestry.*

Decades of inadequate forest management have resulted in *millions of acres* of forest throughout the world that have been cut without replanting.

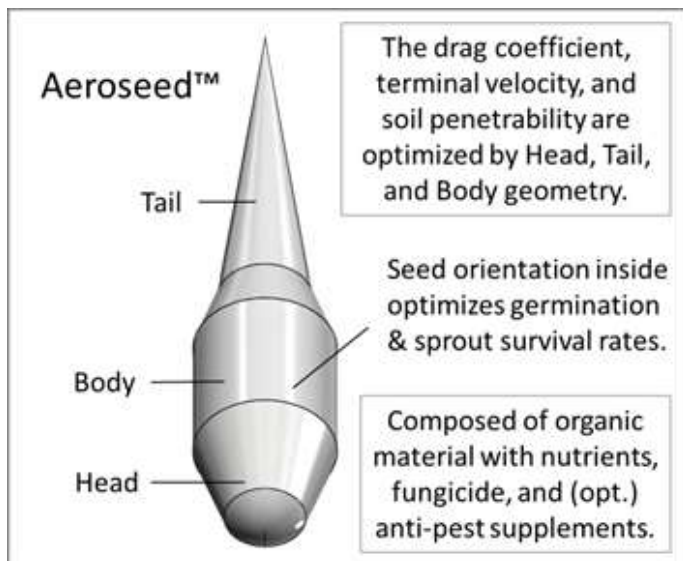


Utilizing this technology, one thousand (1,000) trees can be planted with nutrient & fungicide supplementation for under \$8 (*Pinus ponderosa* in Oregon, USA 2017).



Finally, an economical solution is available that makes reforesting these millions of acres (and more) possible.

Aeroseed™ is an aerodynamic coating on seeds enabling dissemination from the air to achieve optimal penetration depths and seed orientations\* to optimize germination and sprout survival rates. One Unmanned Aerial Vehicle (UAV) can implant many thousands of seeds per hour, reaching even inaccessible areas without roads or trails. This technology is also adaptable to nearly any species.



\* Seed orientation of *Pinus* species, for instance, has a pronounced effect on germination success and sprout mortality rates.

## Aeroseed™ Benefits:

- Provides an economical means of replanting large areas, enabling more reforestation;
- Automates replanting, reducing manual labor;
- Airborne dissemination does not require new roads or trails, reaching otherwise inaccessible locations;
- Rapid replanting can help prevent or reduce soil erosion and water quality disruption;
- Reforesting returns surface water temperatures to normal, improving forestry drainage water quality;
- Species habitat can be returned to normal more rapidly;
- Sequestration of carbon from the atmosphere is achieved naturally through reforestation.



Please donate & support the **World Reforestry Project**

Goal: Plant 5 Billion Trees by This Decade.

Sponsored\*\* by Aeroseed™

\*\* In support, we are donating licensing, production and distribution costs. See URL below.

Opportunity: We are currently seeking partners for reforestry initiatives and grant proposals in geographic regions within Africa, Asia, Europe, South and North America, as well as agricultural industry partners for licensing, production, and distribution agreements.