

**mineral
magic***Making soils better & wetter - permanently*

Enhance Tree Health and Growth with Mineral Magic

What is Amorphous Silica (Mineral Magic)?



Amorphous silica is a unique soil amendment with a microscopic structure that offers superior water and nutrient retention. Mineral Magic is a certified organic product designed to improve soil health, enhance water efficiency, and support robust tree growth.

Key Benefits of Mixing Mineral Magic in Planting Holes

Superior Water Retention

Increased Water Efficiency: Mineral Magic's unique structure holds water more effectively, ensuring that trees have access to moisture during critical establishment periods.

Reduced Watering Frequency: Improved water retention means less frequent watering, saving time and resources.

Enhanced Nutrient Availability:

Nutrient Retention: The negatively charged particles in Mineral Magic enhance the soil's ability to retain essential nutrients, making them readily available to the tree roots.

Improved Cation Exchange Capacity: This increases the soil's capacity to hold and exchange nutrients, leading to healthier tree growth.

Improved Soil Structure:

Aeration and Drainage: Mixing Mineral Magic into the soil improves its structure, enhancing aeration and drainage, which are crucial for root development.

Reduced Soil Compaction: Helps in maintaining a looser soil structure, preventing compaction that can inhibit root growth.

Long-Term Soil Health:

Permanent Amendment: Mineral Magic is a lasting addition to the soil, continually providing benefits without the need for frequent reapplication.

Sustainable and Organic: Being certified organic, it supports sustainable tree care practices and contributes to long-term soil health.

Pest and Disease Resistance:

Plant-Available Silicon: The release of plant-available silicon strengthens tree tissues, making them more resistant to pests and diseases.

Incorporating Mineral Magic when planting trees offers numerous benefits, from improved water and nutrient retention to enhanced soil health and tree resistance to pests and diseases. By adopting this innovative and sustainable practice, arborists can ensure the successful establishment and long-term vitality of trees.



Application Instructions

Prepare the Planting Hole:

Dig a hole that is twice the width and the same depth as the tree's root ball.

A mechanical post hole auger is a great tool for this and also for blending the mineral into the soil.



Mix Mineral Magic with Soil:

Combine Mineral Magic with the excavated soil at a ratio of 1 part Mineral Magic to 10 parts soil.

Ensure the mixture is evenly distributed. (Again mechanical auger – great tool)

Plant the Tree:

Place the tree in the hole and backfill with the Mineral Magic-soil mixture.

Firmly pack the soil around the root ball to eliminate air pockets.

Water Thoroughly:

Water the tree thoroughly after planting to help settle the soil and initiate the benefits by charging the Mineral Magic.

Mulch, Feed and Maintain:

Apply a layer of mulch around the base of the tree to conserve moisture.

Continue regular watering and monitor the tree's growth and health. Utilising Mineral Magic will see the frequency on water intervals extend so don't overwater.

Fertilise with a slow release fertilise 4-6 weeks after planting once root growth has settled and established.