



DIATOMITE USA

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Uses of Diatomite

Diatomite is High in Silica, Absorbent, Porous, Long Lasting, Environmentally Friendly, pH Neutral, Sterilized, Natural and Reusable, all factors necessary for health plants, while still being cost effective for the grower.

What are the Benefits of Using Diatomite?

High Silica Content: Silica is essential for healthy plants and roots. While Diatomite is approximately 85% insoluble Silica, it contains a small but significant portion that is SOLUBLE SILICA. Silica is essential for healthy plants and roots. Your plants will receive from Diatomite a slow release of silica resulting in healthier, more robust plants. Plant available silica has been shown in studies to stimulate SYSTEMIC ACQUIRED RESISTANCE (SAR) in plants which increases their resistance to disease.

Absorbency & Porosity: Diatomite is naturally very porous, and can hold 150% of its weight in water. The Silica Content, natural Absorbency, and Porous qualities result in a slow release of water and nutrients to your plants, contributing to higher yields and less watering.

Capillary Action & Lateral Movement: The porosity of the Diatomite contributes to its ability to draw water, while moving water and nutrients laterally throughout the medium, making Diatomite ideal for Hydroponics!

Air Penetration: Diatomite is multifaceted and varies in size. Because each rock is unique in shape it does not compact while in the pot. This leaves pockets, allowing air to penetrate and circulate to the root zone.

Sterilized, Non-Toxic, pH Neutral: When Diatomite is mined it is heat treated to over 600 degrees Celsius, making it completely sterile and safe for all of your planting needs. Whether you are using 100% diatomite or you are adding it to a mix of your soil it will not contribute to changes in pH.

Environmentally Friendly: Diatomite is a fossil, making it natural, safe and an Environmentally conscious alternative. We have visited the mine in Australia, and we are confident that the practices used to mine our product are safe and in accordance with Australian environmental guidelines.

Long Lasting, Natural & Reusable: Diatomite is inert and will not break down or decompose like other growing mediums. It is Natural and completely reusable. When dry, diatomite is extremely lightweight, making it ideal for plant shipping purposes. Because it is Reusable and Long Lasting it is economical and cost effective for long term use.

We have four sizes available for all of your growing needs
 Fine (#1) 1/32 to 3/16 inch 0.5mm to 2mm
 Small (#2) 1/16 to 1/4 inch 2mm to 7mm

FEATURED PRODUCT

Aussie Gold Phrag M



[View Product Information](#)

Aussie Gold Orchid M



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Medium (#3) 1/4 to 5/8 inch 7mm to 15 mm

Large (#4) 5/8 to 1 inch 15mm to 25 mm

(Click to View Sizes)

(Note: For more specific product information, please contact us.)

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