

Earthstone[®]

Sustainable Alternatives to Mined Materials

GrowStones™ Horticultural Products

Earthstone manufactures substrates and aggregates engineered to meet the specific needs of different horticultural communities including floriculture, greenhouse and nursery, and commercial hydroponics.

Sustainable

GrowStones are manufactured using up to 99% recycled bottles. These products replace strip-mined materials like pumice, perlite, and stonewool, reducing environmental degradation. At the same time, since GrowStones largely consist of recycled bottles, a huge amount of waste is given a new life, and kept out of the landfill.

GrowStones for Hydroponics

Earthstone has created products for hydroponic grow systems, for use in both commercial and home hydroponics farming. A reusable plant growing medium, the material can be sterilized and used again or simply added to soil to improve texture, structure, and aeration.

GrowStones for Soil Amendment

Earthstone products are an alternative to perlite and other soil amendments. They help commercial and home gardeners create the best soil for water retention and aeration. Products are designed for container gardening, the floriculture business, greenhouses and nurseries.

GrowStones Give You...

Balanced ratio of air/moisture over time
Efficient absorption and release of water/nutrition
Optimum flexibility for different plant needs

Growing Results

Healthy/Vigorous Plants
Reduced Plant Care
Consistent High Yield

Field-tested

Earthstone is focused on providing not only an environmentally responsible product line, but also one based on sound science and technology. Extensive horticultural trials in association with universities are continuing in both traditional and hydroponic greenhouses, as well as containerized nurseries. Data show that Earthstone products can be an effective and eco-friendly part of hydroponic systems, and serve as an effective soil amendment, in a variety of climate zones and environments.

GrowStone Product Characteristics

- Porous material made from up to 99% recycled bottles.
- Reduce strip mining (for both perlite and pumice stone).
- Reliable and consistent engineered products.
- Created with specific pore sizes and structures, allowing for an ideal air to water ratio for each specific application.
- Completely sterile and recyclable.
- No phytotoxicity.
- Free of weeds and disease.

GrowStone Products

Products are being formulated for everyone from commercial growers and master gardeners to container gardeners and hydroponic enthusiasts.

Retail

- GrowStones™ --hydroponics
- GrowStones™ --soil amendment -- water retention formula
- GrowStones™ --soil amendment-- improved drainage formula*

Commercial

- Earthstone Hydro—generative formula*
- Earthstone Hydro—vegetative formula*
- Earthstone soil amendment—water retention formula*
- Earthstone soil amendment—improved drainage formula*
- Earthstone –cut flower formula*

*These products are under development and will be available soon.

About Earthstone

Earthstone is a recognized leader in the growing international movement toward sustainable business practices. The company was started by co-founders and eco-preneurs Andrew Ungerliedner and Gay Dillingham in 2003. Using patented technology, waste glass is being transformed into engineered horticultural products that are environmentally friendly and effective. This same technology is used for Earthstone's successful industrial and consumer product lines which offer physical characteristics and performance that are superior to the traditional alternatives.

Find Out More

Visit our website at www.earthstonetechnology.com for more information about GrowStones.

Or contact Chris Higgins at chris.higgins@earthstoneintl.com or (469) 532-2261 to:

- learn more about Earthstone horticultural products
- find out about becoming a distributor
- find a distributor near you