

GROLITE

**SUPERIOR PERLITE
FOR
HORTICULTURAL
&
HYDROPONIC
USE**



GROLITE is a unique, naturally occurring processed mineral used extensively as a horticultural growing medium.

Key Benefits:

- Increases fertilizer efficiency, which improves plant health and growth.
- Promotes water drainage whilst still retaining optimal moisture conditions in the root zone.
- Maintains optimal soil aeration.
- Free of weeds and pathogenic microbes (sterile).
- Compared to other ordinary horticultural Perlites, Type 1 Grolite has a much stronger surface structure. This prevents damaging degradation and attrition during mixing and transport.

- Optimal moisture levels and increased fertilizer efficiency.** Tiny micropores located on the surface of every Grolite particle help capture nutrients and water molecules. Plants grown in Grolite therefore have an advantage since water and nutrients are readily available when needed, ultimately leading to healthier plants and increased crop yields.

The capillary action that takes place in voids between Grolite particles, ensures uniform distribution of both water and nutrients. Consistency between crops is thereby improved.

- Free of weeds and Pathogenic microbes.**

Grolite is processed in a specially designed furnace at temperatures in excess of 950°C. Such temperatures render Grolite completely sterile. No weeds and no pathogenic microbes.



- Increases root zone aeration.** The unique physical structure of Grolite greatly improves root zone aeration. Insufficient oxygen levels, usually caused by over watering or poor soil are easily solved using sufficient quantities of Grolite.
- Grolite is attrition resistant.** Unlike ordinary horticultural Perlites, the strong surface structure of Type 1 Grolite means it will not deteriorate whilst being transported or mixed. This unique property allows hydroponic growers to reuse Grolite for more than one growing season. This saves both time and cost.

