

# Pumice as a Substrate in Horticulture and Hydroponics



Pumice is a natural, lightweight, volcanic material widely used in horticulture and hydroponics. The porosity of Pumice provides an abundance of air space maintaining aerobic conditions around the roots. The inert nature allows fertilization to be controlled in a very exact manner.

The porous nature and natural surface tension around the outside of the Pumice particles allow it to hold water yet retain sufficient air space to optimise drainage and promote strong root growth.

Its insulating properties increase the temperature of the plant food favouring plant nutrition and growth.

Because of its chemical and physical properties, Pumice promotes excellent nutrition distribution, strong root development and excellent plant growth.

The absorbency of Pumice allows it to retain moisture and nutrients. The gradual release of the moisture and nutrients enables a considerable reduction in irrigation time.

Because CR Minerals Pumice is mined, it is clean and free of disease spores and weed seeds, which is an advantage over river pumice.

- **Optimises drainage**
- **Retains and evenly distributes moisture and nutrients**
- **Promotes strong root growth**
- **Improves root aeration**
- **Can be easily recycled and sterilised**
- **Does not contain clay or organic material (i.e. montmorillonite, illite, kaolinite)**
- **Minimises root diseases**
- **Clean from disease or weed seeds and environmentally friendly**

To place an order or obtain additional information, please contact CR Minerals at 505-428-2940, or contact your local distributor