



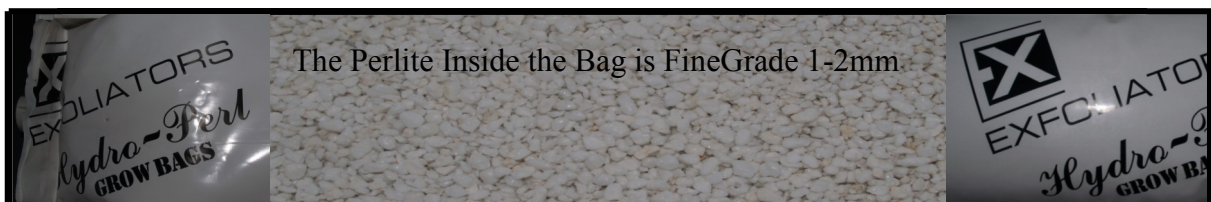
Hydro-Perl Grow bags are quick to install with the initial uptake of water. Unlike other media's that require 15 litres to saturate the bag, Perlite only requires 10.5 litres. When you have a glass house requiring 20,000 bags this is a water saving of 90,000 litres. The time each bag takes to saturate up is less than 5 minutes. The excess water that drains from the drain hole in the bag comes out Crystal Clear rather than a brown colour caused by tannin from medias such as Coco Peat.

This truly saves money and time which makes **Hydro-Perl** Grow Bags the choice of many growers

Hydroponic Culture --- **The fastest growing application for Perlite** in the horticultural field is hydroponics or otherwise known as Protected Cropping. Perlite exhibits a unique capillary action in that nutrient rich water can be drawn up from a reservoir through a fine Perlite growing media at the rate that is required by a plant. As a result, plants grown in Perlite do not suffer from over watering or under watering.



In Hydroponic systems, bags of horticultural perlite can be laid horizontally on the greenhouse floor or on gutters, and then holes are cut to accept seedlings. Seedlings are inserted and nutrient-rich water is introduced to each plant with a drip irrigation system. A reservoir of this nutrient-rich water is allowed to collect in the bottom of the bag. The natural capillary action of the horticultural perlite draws a controlled amount of water up into the root zone. With perlite, the root zone does not dry out nor does it become waterlogged as can happen with other media. Because of this unique feature, watering need only take place a few times a day as opposed to other media which may require as much as 20 waterings daily with constant attention.



Hydro-Perl Grow Bags come in various grades to suit the needs of the grower. Some plants require more water than others and therefore a finer or coarser growing media is required. For instance Tomatoes do exceptionally well in Fine grade Perlite but cucumbers prefer a little more water, so the Superfine Perlite is ideal. We can provide you with the right media for your application.



Save Money Unlike Coco Peat, *Hydro-Perl* does not break down, decompose or change its pH value. Not only can you grow 1 crop in the bag but you can grow 2 crops with no concerns of the *Hydro-Perl* changing its structure. We have had a Tomato Grower successfully grow **5 CROPS** from one of our grow bags. This was a remarkable feat but we don't suggest you do this or we would go broke !!



Disposal of Hydro-Perl. In today's environment it is becoming more important to be able to dispose of the grow bags once you have finished with them in a responsible and economical manner. Landfill is not an option anymore for some growing media's, but with Hydro-Perl there are many options. Recycling is one definite cost saving. Hydro-Perl can be composted and reused for potting mixes & blended soils for water holding and air porosity, two key factors for growing.

