



ProTerra™

Professional High Drainage Mix

ProTerra is Hydrotek Hydroponics' exclusive high drainage growing medium.

Created for hydroponic growing, our custom blended mix of sphagnum peat moss, peat chunks, and coarse perlite are ideal for flowering plants, cuttings, and large container plants. ProTerra is naturally resistant to algae, includes a wetting agent, a balanced charge of macro and micro nutrients, and is pH balanced with dolomitic and calcitic limestone.

Canadian Sphagnum peat moss is a natural, organic matter found in peat bogs. Peat consists mainly of wetland vegetation such as mosses, shrubs, and sedges that have not fully decayed due to the acidic and anaerobic environment they are in. Once harvested, cleaned, and dried, peat has important characteristics for horticulture – it holds several times its weight in moisture, it retains moisture in container soil when it is dry, and protects roots from excess water when it is wet. This great feature makes it difficult to overwater your plants, reduces risks of water related problems like algae and root disease, and improves the leaching of fertilizer salts.

ProTerra also includes naturally aggregated peat chunks, which increases aeration and moisture retaining properties.

With hydroponic cultivation and quick draining in mind, coarse perlite was added to the blend which further improves the quick draining properties, while simultaneously keeping the medium humid enough to sustain maximum plant growth. Perlite adds to the soils substructure, preventing compaction, keeping the medium loose and free flowing.

Peat moss is not naturally fertile, but it stores nutrients well. ProTerra leverages this characteristic by including a well-balanced charge of micro and macro nutrients in the mix, enough to boost seedlings and cuttings without influencing mature plants.

ProTerra contains dolomitic and calcitic limestone, natural ingredients which keep the pH perfectly balanced for hydroponic gardening.

A high drainage growing medium with excellent aeration and moisture holding properties, ProTerra facilitates root growth through its aeration and humidity retention. The incorporated wetting agent increases nutrient delivery, while the water retention characteristics of peat retain vital nutrients that would otherwise leach out of the soil.

ProTerra is designed to be ideally suited to hydroponic growing conditions. Produced in Canada at a world class facility, each batch of the substrate is tested physically and chemically so that every batch of ProTerra performs perfectly and reliably.



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AERATION
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CUSTOMIZED
FERTILIZATION
CONTROL



CONTROLLED
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EASY
GROWING

