



NEPS can be used for any type of tree, in any garden, orchard, or in urban forestry.

It's the perfect solution for trees where land space is at a premium.



Exlterra

NEPS®

Nutrient Enrichment Passive System

A unique subsoil technology that enhances tree vitality and increases yield in a sustainable way.

SCAN ME



www.exlterra.com/neps/

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Exlterra NEPS®

Nutrient Enrichment Passive System

Unique Design

NEPS was created with the needs of trees in mind – assisting trees in reaching crucial nutrients that would have previously been isolated in untapped soil layers.

Made from environmentally safe polyethylene, NEPS increases the release of highly mobile nutrients in soil and operates independently of soil type, elevation, or climate.

Unique Function

NEPS enhances nutritional availability and favors bacterial life around tree roots. This enhances tree vitality, growth and increases yield in a sustainable way.

NEPS units are installed and buried vertically into the soil around trees with minimal disruption to the topsoil. There is no maintenance required and the system works indefinitely.

Applications for anyone wanting to improve their tree and vegetation health

Landscapers — *Plant and manage trees with a much higher success rate.*

Urban Foresters — *Increase the survival rate of newly planted trees or heal unhealthy trees.*

Fruit Producers — *Increase the tree's health, its yield, and the quality of the fruits.*

Residential Users — *Increase the vitality of their trees and vegetation.*



NEPS offers numerous benefits

DEFENSE

Healthier Fortified Trees

With access to the necessary nutrients, trees can maintain a healthy defense against damage and disease, and be more resilient to conditions that would normally put the trees at risk.

- ✚ Stronger Innate Immune System
- ✚ Greater Resilience
- ✚ Better Looking Trees

STRENGTH

Stronger Tree Growth

Trees produce and maintain healthier branches and foliage, creating a denser canopy. For trees planted close to each other, they will no longer compete for nutrients.

- ✚ Increased Vitality
- ✚ Denser Canopy Foilage
- ✚ Bigger Trees

PRODUCTION

Quantity and Quality

With nutrients easily available, the tree has the capacity to use its energy to grow strong, increasing its yield both in quantity and quality.

- ✚ Better Yield
- ✚ Improved Quality
- ✚ Higher Survival Rate

Clean Installation

The NEPS system is installed underground using HAZL, our ultra-light drilling rig dedicated to the NEPS technology. Each NEPS is inserted underground after a small bore hole is drilled, and then the hole is backfilled and the surface is cleaned. Surface and underground disturbance is minimal, and installation time is incredibly quick.

Non-NEPS Trees

NEPS Trees