Liquid Bio-Fertilizer for Roots

**SuperRoots™**

With SuperTrace, Nutrex-M/F, SoilSeeds, Mycorrhizae & Fulvic Acid*

* Fulvic acid is derived from ancient shale, the most thoroughly composted vegetation on Earth.

**NOT FOR DISTRIBUTION IN THE STATE OF OREGON**

5-0-6 – 2% Naturally Chelated Iron

No Phosphates - No EDTA

SuperRoots™ is a proprietary suspended concentrate bio-fertilizer for tree and shrub root treatments and turf application after aeration. SuperRoots™ contains Nutrex-M/F™ stabilized macro-nutrients, SuperTrace™ fully chelated micro-nutrients in a solution of a gentle organic acid, endo-ecto mycorrhizae with tricoderma/scleroderma root shield fungi, and SoilSeeds™ with plant-derived microbes and fulvic acid (USDA organic compliant). SuperRoots™ is not toxic to plants when used as directed. Biological activity may occur (float on the surface) when stored for extended times. If this occurs, in-line screens should be used to prevent nozzle clogging. To protect from degradation, do not store in sunlight or near heat source.


3944 South Bay Rd NE, Olympia, WA 98516 • 360.491.0556 • www.plantessentials.biz

A Portion of the Proceeds from this Product Goes to Support the Northwest Parkinson’s Foundation – www.nwpf.org
Tank mix with water and apply to soil. No other additives needed.

FIELD GROWN NURSERY STOCK:
Apply at the rate of 2-5 gal of SuperRoots™ per acre in 20-200 gal of water. Immediately irrigate following application to soil. **DO NOT APPLY TO FOLIAGE.** In case of accidental foliage contact, rinse with water immediately.

TREES & SHRUB ROOT FERTILIZING:
**Surface application:** Mix 2.5 gal of SuperRoots™ with 10 gal of water per 1,250 sq ft. Apply with a shower-head gun to the soil over plant roots. **DO NOT APPLY TO FOLIAGE.** In case of accidental foliage contact, rinse with water immediately. For best results, apply in spring and fall. Mulch will inhibit movement of this product to the soil. Apply directly to soil for best results.

**Sub-soil injection (moist soil only):** Mix 2.5 gal of SuperRoots™ with 10 gal of water. Inject 2 oz of diluted SuperRoots™ per injection site (based on using 200# pressure with a 3/8” hose), 1-4” deep in a 15 inch grid pattern from the stem or trunk to 2.5 ft beyond the drip line. Start injections under any mulch. Do not apply more than 4” deep in soil. **Dry soil should be watered to a depth of 6” before treatment.**

**Treating roots under grass:** Treating roots in turf requires deeper injection because of root competition and bacterial/fungal antagonism. Inject SuperRoots™ below the grass roots where feasible. Ideally, grass cover should be removed and certified pathogen free compost installed to provide the best conditions for healthy plant root development.

WATERING:
Watering within a few hours after application is recommended for maximum mycorrhizal colonization and microbial proliferation.

**TURF AFTER AERIFICATION:**
**Greens & tees:** Apply 8-16 fl oz SuperRoots™ in 1-2 gal water per 1,000 sq ft. Add more nitrogen if desired.

**Compatibility:** This product is compatible in a tank mix with Subdue, Phosphite and Medallion fungicides for root rot treatments, and will not hinder the function of the biological components. Other combinations may be acceptable, but testing should be done to ensure the biological components are protected and other compatibility issues are addressed.

**Years of extensive field use of this product have proven SuperRoots™ to be a valuable, easy-to-apply product when used as directed in a treatment-based plant health care program. If plants do not respond, steps should be taken to determine if there are soil conditions that would hinder plant health. Some examples are: improper site location, improper soil pH level, poor planting and/or watering practices, the presence of root rotted disease pathogens or insects, and soil compaction.**