



Root Honey™

Bio-Nutrient

PATHWAY BIOLOGIC, LLC - MICROBIAL TECHNOLOGY

Pathway®
BioLogic

GOLF

LAWNCARE

SPORTS FIELDS

FLOWERS AND
BEDDING PLANTS

ORNAMENTALS

Root Honey™ is a premium 1-0-1 bio-nutrient that increases microbial activity in the soil. It's pure energy for Pathway's polymicrobial strain PGPRs - Plant Growth Promoting Rhizobacteria. **Root Honey™** contains amino acids derived from oilseed extract, carbohydrates, high grade fulvic acid, kelp, and silica. **Root Honey™** is also a tremendous chelating agent for micro-nutrients, laden with all natural chelating agents from three different sources . . . fulvic acid, amino acids, and two species of kelp. This ingredient rich formulation stimulates microbial growth and promotes antioxidant activity, providing a soil microbiome more conducive for plant growth and vigor.

PRODUCT BENEFITS

Increased

- Microbial Growth and Activity
- Root Growth and Development

Improved

- Plant Vigor
- Recovery from Biotic and Abiotic Stresses
- Micro-Nutrient Chelation

Root Honey™ is tank-mix compatible with most fertilizer and pesticide solutions but a bench test is recommended.

Available in 2 x 2.5 case, 55 gallon drum, 250 gal tote.

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PREMIUM BIO-NUTRINET

Root Honey[™] provides multiple food sources for microbes insuring microbial activity is maintained and metabolite concentrations are optimized. It also contains Boost Molecules – amino acids, vitamins, antioxidants, silica – that enhance plant growth.

Root Honey[™] is formulated with the following ingredients.

Oilseed Extract: Contains amino acids which are a food source for microbes and serve as the building blocks of proteins, providing growth and repair of plant tissue.

Kelp Extract: Two kelp sources, *Ascophyllum nodosum* (cold water kelp) and *Ecklonia maxima* (warm water kelp) provide a balanced blend of plant metabolites that stimulate shoot growth and root initiation.

Carbohydrates: **Root Honey**[™] contains two carbohydrate sources catering to different bacterial groups. Molasses provides immediate energy for microbes. Maltodextrin is a polysaccharide stimulating microbial activity.

Fulvic Acid: Highest grade of humic substances soluble at any pH. Promotes antioxidant production and improves micro-nutrient chelation.

Silica: Increases plant hardiness/rigidity.

APPLICATION RATES:

Greens & Tees – 2 to 6 oz per 1000 sf every 7 to 14 days

Fairways – 1 to 2 oz per 1000 sf monthly

Lawn – 2 to 3 oz per 1000 sf every 6 to 8 weeks

Sports Fields – 2 to 3 oz per 1000 sf monthly

Flowers & Bedding Plants – 1 to 2 gallons per 100 gallons water, apply 2 to 3 gallons finished product per 1000 sf

Transplants – 1 to 2 gallons per 100 gallons water, apply as a drench

For further specifications, refer to Rates & Frequency table on product label or contact your Product Representative.