



Bio-nutrient and microbial inoculant

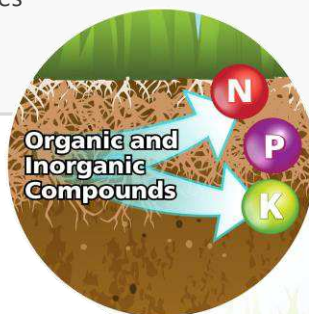
Root Honey Plus™ is a premium 1-0-1 liquid bio-nutrient containing amino acids derived from oilseed extract, carbohydrates, high grade fulvic acid and kelp. It is enhanced with bioactives of PGPR – Plant Growth Promoting Rhizobacteria. This ingredient rich formulation increases microbial growth and activity improving plant growth and vigor.

### Benefits of Using Root Honey Plus™:

- Improved nutrient use efficiency – solubilization, uptake and utilization of applied fertilizer and nutrients in the soil bank
- Increased microbial growth and activity
- Enhanced root growth and plant vigor via production of growth promoting metabolites
- Improved organic matter management
- Micronutrient chelation
- Ease of application – no special storage conditions and flexibility with application

### How Root Honey Plus™ Works:

1. Carbon sources within Root Honey Plus accelerate microbial growth and activity.
2. The bioactives in Root Honey Plus – Bacillus spp. – produce enzymes and organic acids that improve the solubilization of fertilizer into plant available forms, and release bound nutrients.
3. Metabolites produced by these bioactives and other key ingredients in Root Honey Plus promote a more robust root system, improving nutrient and water uptake which optimizes plant growth.





## Product Profile

Mode of Action	<ul style="list-style-type: none"> <li>Nutrient solubilization and cycling improving nutrient availability – macronutrients and micronutrients.</li> <li>Root growth promotion – improved production of root hairs and root tips for increased water and nutrient uptake.</li> </ul>															
Compatibility	<ul style="list-style-type: none"> <li>Tank-mix compatible with nutrient solutions and most pesticides. Contact a product representative for a complete list of compatible products.</li> </ul>															
Active Ingredients – Proprietary PGPR strains	<table border="0"> <tr> <td>• Bacillus subtilis (1 x 10<sup>8</sup> cfu/mL)</td> <td>Kelp</td> <td>8%</td> </tr> <tr> <td>• Bacillus methylotrophicus (1 x 10<sup>8</sup> cfu/mL)</td> <td>Fulvic Acid</td> <td>5%</td> </tr> <tr> <td>• Bacillus licheniformis (1 x 10<sup>8</sup> cfu/mL)</td> <td>Molasses</td> <td>10%</td> </tr> <tr> <td>• Bacillus amyloliquefaciens (1 x 10<sup>8</sup> cfu/mL)</td> <td>Maltodextrin</td> <td>10%</td> </tr> <tr> <td>• Bacillus laterosporus (1 x 10<sup>8</sup> cfu/mL)</td> <td>Amino Acids</td> <td>11%</td> </tr> </table>	• Bacillus subtilis (1 x 10 <sup>8</sup> cfu/mL)	Kelp	8%	• Bacillus methylotrophicus (1 x 10 <sup>8</sup> cfu/mL)	Fulvic Acid	5%	• Bacillus licheniformis (1 x 10 <sup>8</sup> cfu/mL)	Molasses	10%	• Bacillus amyloliquefaciens (1 x 10 <sup>8</sup> cfu/mL)	Maltodextrin	10%	• Bacillus laterosporus (1 x 10 <sup>8</sup> cfu/mL)	Amino Acids	11%
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Formulation	<ul style="list-style-type: none"> <li>Water Based</li> </ul>															
Packaging	<ul style="list-style-type: none"> <li>2 x 2.5 gal case, 55 gal drum, 275 gal tote</li> </ul>															
Shelf life	<ul style="list-style-type: none"> <li>24 months from date of manufacture</li> </ul>															

## Application

Greens	2 to 4 oz per 1000 sq. ft. every 7 to 14 days
Fairways	1 to 2 oz per 1000 sq. ft. every 21 to 28 days
Lawn	2 to 4 oz per 1000 sq. ft., 2 to 4 apps per growing season
Sports Turf	2 to 3 oz per 1000 sq. ft. monthly
Flowers & Bedding Plants	1 to 2 gallons per 100 gallons water, apply 2 to 3 gallons finished product per 1000 sq. ft.
Transplants	1 to 2 gallons per 100 gallons water, apply as a drench

TECHNICAL INFORMATION

**Important: Always read and follow label directions.** Pathway BioLogic and Root Honey Plus are trademarks of Pathway BioLogic, LLC. ©2018 Pathway BioLogic, LLC. All rights reserved.

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