



**Root zone inoculant of selected  
beneficial bacteria for bigger  
and healthier roots.**



# ROOT BUILDER



- + ADDITIVE NUTRIENT
- + VEGETATIVE STAGE
- + FLOWERING STAGE
- + LIQUID FERTILIZER

## WHAT IT IS

Root Builder is our root zone inoculant comprised of specifically selected beneficial bacillus bacteria. It promotes a healthy and active root zone at all stages of growth.

## HOW IT WORKS

Root Builder is formulated with extremely active beneficial organisms that deliver an abundance of benefits to your plant's root zone. Root Builder introduces two key forms of beneficial bacteria to your grow medium: *Bacillus licheniformis* and *Bacillus subtilis*. *Bacillus licheniformis* will help break down elements so your plant can use its energy on other important plant functions, such as producing big, beautiful flowers. *Bacillus subtilis* is an extremely strong beneficial bacteria that focuses on boosting the natural defences. It will also produce molecules called iturins that will target harmful microorganisms in the rhizosphere and eliminate them. Together, these organisms perform as a microbial soil amendment, which improves the conversion of organic and inorganic fertilizers into plant-available forms for more efficient nutrient uptake. This helps the plant absorb the essential nutrients it needs for vigorous foliage growth during the vegetative stage and intense fruiting during the flowering stage. Adding these beneficial bacteria will lead to an improved soil structure, retention of soil moisture, and will treat pH related issues in the grow media. All these benefits ensure your plants grow bigger roots for bigger fruits.

## HOW TO USE IT

Apply at a rate of 1.25 ml/L (5 ml/Gal) conjunction with your nutrient solution.

## FOR USE IN



### ROOT BUILDER GUARANTEED ANALYSIS

**CONTAINS NONPLANT FOOD INGREDIENT(S):**  
**GUARANTEED ANALYSIS: Amendment Ingredients:**  
*Bacillus Licheniformis*...100,000,000 cfu/ml (1x10<sup>8</sup>)  
*Bacillus Subtilis*.....100,000,000 cfu/ml (1x10<sup>8</sup>)

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>



For more information on **Root Builder and feeding programs** please visit the resource section at [www.greenplanetnutrients.com](http://www.greenplanetnutrients.com).

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