

Biology + IBA in One Unique Formulation

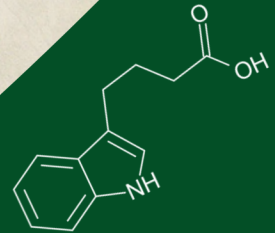


## Product Description

A 100% water-dispersible, broad-spectrum biostimulant. This proactive solution features IBA which works to improve root growth and nutrient absorption in turf, trees & nursery products.

## Features

- Early established root vigor lead to increased nursery survival rates.
- Develops protective film around roots and cycles nutrients, enabling stronger root growth & plant development.
- Captures increased amounts of Calcium, Magnesium, Nitrogen, Phosphorus & Potassium.



## Why IBA? (Indole-3-butyric acid)

A naturally occurring auxin that:

- accelerates the rate of mitosis
- increases root development
- enhances nutrient absorption
- improves plant stress tolerance



Visit [www.dphbio.com](http://www.dphbio.com) or call 1.800.648.7626 to learn more.

# Application Methods

Please see product label for instructions and recommendations for application methods.

## Product Data

When RootXCell is applied to the soil or root structures, growers see a root mass increased by 30% - 50% in nursery products and a 60% decrease in seedling mortality rates caused by drought, transplantation, and other common stressors.

**Before**

**After**



**Figure 1 –**  
In residential trials, we see the affects of stronger nutrient absorption through more vigorous root structures.

**Control**

**Treated**



## The Breakdown

### **IBA**

Natural auxin accelerating rate of mitosis for root development and nutrient absorption

### **Bacillus amyloliquefaciens**

shown in multiple studies to be an aggressive colonizer in the rhizosphere

### **Mycorrhizae**

Fungi that enhance water & nutrient uptake, more efficiently utilizing soil than roots alone

### **Cytokinin**

Plant hormones that divide cells, to increase plant growth & budding through the roots & shoots

### **B-Vitamins**

Vitamins used to promote root development & growth through diverse metabolic activity



**STIMULATES  
ROOT  
GROWTH**



**ENHANCES  
NUTRIENT  
UPTAKE**



**INCREASES STRESS  
TOLERANCE &  
SURVIVAL RATES**



**DECREASES  
TRANSPLANT  
SHOCK**