



# turbo root

Naturally stimulates fine white roots and stem growth



## DESCRIPTION

Turbo Root is a balanced mix of:

- Humic Acids
- Fulvic Acids
- Free L- $\alpha$  Amino Acids

Naturally stimulates the production of fine white roots and promotes early vegetative growth

Humic and Fulvic Acids (4:1) from American Leonardite

Increases soil health, fertility and structure

**100% Soluble**

**100% Quality**

**100% Convenient**

**No blocking of spray or fertigation equipment**

**Humic & Fulvic Acids extracted from American Leonardite**

**Humic & Amino Acids combined in one product, no need for mixing**

## MAIN BENEFITS

Effect of Turbo Root on Roots / Shoots

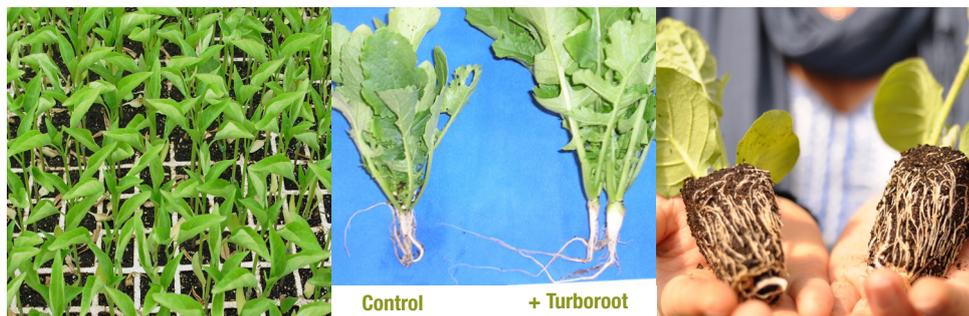
- Humic and Amino Acid mix increases the number, and weight, of fine white roots
- More fine white roots improves nutrient and water uptake by crops
- Humic Acid increases the absorption of nutrients especially Phosphorus, Potassium and Zinc
- Amino Acids as Free L- $\alpha$  Amino Acids, the only Amino Acid form directly usable by plants
- Healthy roots increases the resistance of crops to stress from rapid growth and adverse climate

Effect of Turbo Root on Soil / Potting Substrate

- Humic Acid improves the structure and aggregation of soil encouraging root growth
- Humic Acid increases the Cation Exchange Capacity (CEC) of soil which increases nutrient holding capacity
- Specific Amino Acids like Arginine increases fine root development and growth
- Humic and Amino Acids increase the population of beneficial microbes in the soil, promoting healthy soil



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## TECHNICAL SPECIFICATIONS

Total humic extract	8.4% w/v	Form	Liquid
Humic Acids	6.7% w/v	Colour	Black
Fulvic Acids	1.7% w/v	Density	1.2
Free L-α Amino Acids	4.0% w/v		

Turbo Root is best applied directly to the soil, though fertigation, by spraying onto the soil, applied at transplanting, incorporated into potting mix or as a soil drench.

## DRENCHING TO ROOTS

### DOSAGE AND METHOD OF USE

<b>Nursery</b>	2 ml /L	2 applications at 4 leaf stage & 2-3 days before transplanting
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### COMPATIBILITY

Turbo Root is compatible with most commonly used fertilisers and agrochemical products except mineral oils, calcium nitrate, products that contain copper, sulphur, acid reaction products and herbicides that are not compatible with organic matter. It is recommended to carry out a test before preparing any mixture and to consult technically authorised personnel.