



## Product Data Sheet

Bio Plant Solutions B.V.

# BCT Liquid mix for Organic Growth

## For horticultural and agricultural use

BCT Liquid mix for Organic growth is approved for use as plant nutrition in controlled organic crop farming and organic crop certified input schemes.

BCT Liquid mix is a 100% organic and plant based custom blend, containing homogenised constituents from Fermentation processes, using only standard and carefully selected ingredients. Due to the contents of BCT Liquid mix there is a balanced level of macro- and micronutrients that will contribute to an effective and healthy soil life which will lead to strong and healthy plants.

BCT Liquid Mix is designed for foliar and drip applications to use in Glasshouses, Open field and Semi protected growing systems.

### Specification

BCT Liquid Mix for Organic Growth is standard available in 3 balanced varieties of NPK.

BCT Liquid Mix	Prof	Balance	Complete
NPK	723	525	428
Nitrogen (N-total)	6.7 – 7.4%	4.8 - 5.2%	3.3 - 4.4%
Phosphorus (P2O5)	2.4 – 2.7%	2.0 - 2.5%	1.5 - 2.0%
Potassium (K2O) and Silicon (SiOH4)	2.3 – 2,6%	5.0 - 5.5%	7.0 - 7.8%
pH	± 4.5	± 5.1	± 6.5
Organic matter	50.9%	45.5%	35.9%
Specific gravity	1.15 – 1.35 g/l		
Appearance	Liquid, brown		
Solubility in water	100%		

*Note: the products are containing a balanced and adequate dose of trace elements, it is a product of nature therefore values can sometimes diverge.*

### Direction for use and storage

Shake the container very well before use and stir the diluted stock solution before use.

BCT Liquid Mix must be stored with closed lid at room temperature (advise between 15 and 45, but not below 12 degrees Celsius) in a well-ventilated place. Keep the containers tightly sealed when not in use and always keep out of direct sunlight. In situations of prolonged storage, big temperature differences and/or sudden temperature change, there may be slight settling of the contents. This is reversible by shaking. Molecular Chrystal's can very rarely be formed when storage instructions are not followed, when this exceptional situation occurs these Chrystal's must be sieved out before use.

*Note: All organic matter based fertilizers have an unstable electrical conductivity after some time and as such it is not recommended to hold diluted stock solutions longer than two days.*

*Store the stock solution in a cool/dark place.*

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### **Rate of Application**

Dose as per own use or as per advise or as per own experience. When dripper use our advice is to dose between 5 to maximum 10ml per litre clean water, depending on the crop, irrigation system and fertilizing strategy.

BCT Liquid Mix can be applied via tank mixing, it can also be mixed with all BCT Biotracius products and water soluble bacterial products.

It is recommended to rinse the system after application with clean water.

*Note: Various Crop dosing specifics for application in various system are available, all dosing rates advised are a guide only.*

### **Compatibility**

BCT Liquid Mix is compatible in tank mixes with other Bio Plant Solutions (BCT) products as well as commonly used biological fertilizers, agrochemicals and water soluble fertilizers.

However, when used with other biological fertilizers, agrochemicals and water soluble fertilizers practical test on small area prior to extensive use is advised.

### **Packaging**

BCT Liquid mix is available in 20 Litre and 1000 Litre containers. Customised packing in bottles or other containers is possible.

### **Precautions**

BCT Liquid Mix For Organic Growth is a non-hazardous and non-inflammable liquid. It is advised to keep the product out of reach of children and to use the product with care. The use of protecting gloves and goggles is advisable.

Inhalation: No risk of vapour inhalation.

Skin Contact: Wash with soap and water. Seek medical advice if skin reaction occurs.

Eye Contact: Wash with copious amounts of water, monitor for an allergic reaction. Seek medical advice if allergic reaction occurs.

Ingestion: Rinse mouth with copious amounts of water, drink copious amounts of water. If large quantities are ingested induce vomiting and seek medical advice.

*There are no warranties of merchantability or fitness for a particular purpose which extend beyond the description of the product in this Product Data Sheet or other product literature. Suggestions for use and information on results obtained with its use are assumed by the manufacturer to be reliable.*

*Since conditions of use are outside the control of Bio Plant Solutions, the buyer is responsible for all results, including injury and damage stemming from the use of this product alone or in combination with other materials.*

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