



Product Data Sheet

Bio Plant Solutions B.V.

BCT Granulate for organic growth

For horticultural and agricultural use

BCT Granulate is a uniform plant-derived high-nitrogen plant nutrition that has been approved for use in controlled organic crop farming.

BCT Granulate is a fast-acting fertiliser, designed for use in Glasshouses, Open field and semi protected growing systems. The granulate is unique because of the direct available Nitrogen and it provides a balanced nutrition for the plants for several weeks. About 50 to 75% is available in the first 30 days followed by slower release of around two to three months, depending on bacterial activity, soil bio-life, soil temperature and moisture.

The nature of BCT Granulate helps to ensure that very little nutrition is lost compared to conventional fertilisation.

Due to the contents of BCT Granulate there is a balanced level of macro- and micronutrients that will contribute to an effective and healthy soil life which leads to strong and healthy plants.

Specification

BCT Granulate for Organic Growth is available as granule beads with size of approximately 90% < 4mm and 10% > 2-3mm.

BCT Granulate	Quantity
NPK	11-0-5
Nitrogen (N-Total)	10.2 – 11.4%
-organic	3%
-amino acid	8%
Phosphate (P ₂ O ₅)	0.32 – 0.40%
Potassium (K ₂ O)	4.35 – 4.75%
pH (1kg/l water)	± 5
Organic matter	28%
Specific Gravity	0.75 – 0.85 kg/l
Appearance	Brown beads

Note: the Granulate contains a balanced and adequate dose of trace elements, it is a product of nature therefore values can sometimes diverge.

Direction for use and storage

BCT Granulate is somewhat hygroscopic by nature and as such it is advised that the material should not get wet until it is in the soil/compost. Wet material or application in moist surroundings can cause clogging of machinery.

The product must be stored in undamaged and closed bags.

Cross-contamination of product can occur when stored in other bags or containers, this is not permitted. Keep bags closed and preferably sealed when not in use and keep out of areas of high humidity or wet areas.

Bio Plant Solutions B.V.

Phone +31(0)6-55133660

website www.bct.co.nl email info@bct.co.nl



Product Data Sheet

Bio Plant Solutions B.V.

Rate of Application

Dose BCT Granulate as per own use, or as per advise or as per own experience, depending on the crop, irrigation system and fertilizing strategy. Ensure that all dosing machinery is dry and the environmental conditions are suitable for application. Some advice dosages:

Crop	Dosage	Application
Grassland	225-275 kg/ha	mix before sowing + fertilize at desired rate & stage
Maize/Wheat	250-325 kg/ha	mix before planting + fertilize at desired rate & stage
Fruit Trees	300-450 kg/ha	mix before planting + fertilize at desired rate & stage or season
Potatoes & Tuber Vegetables	400-500 kg/ha	mix before planting
Salad & Leaf Crops	100-200 kg/ha	mix before planting + fertilize at desired rate & stage
Vegetables - Open Field	100-250 kg/ha	mix before planting + fertilize at desired rate & stage
Vegetables – Glasshouse	50-250 kg/ha	mix before planting + fertilize at desired rate & stage
Potting soil	0.5-2.0 kg/m ³	Mix in bulk substrate before potting

Note: dosing specifics for other crops are available, all dosing rates advised are a guide only.

Compatibility

BCT Granulate is compatible with other Bio Plant Solutions (BCT) products as well as commonly used biological fertilizers, agrochemicals and conventional fertilizers.

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

Packaging

BCT Granulate is available in 25 kg bags (32 bags per pallet, 800 kg) and big bags (900 kg per pallet). Customised packing in containers is possible.

Precautions

BCT Granulate for Organic Growth is a non-hazardous and non-inflammable. 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.

Ingestion: Rinse mouth with 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.

Bio Plant Solutions B.V.

Phone +31(0)6-55133660

website www.bct.co.nl email info@bct.co.nl