

BPF 5·0·3

basic plant feed

Liquid Fertigation Fertilizer

Basic Plant Feed 5-0-3 is a basic fertilizer supplemented with natural fulvin, which is extremely suitable for fertigation applications. In addition to the mineral value, the plant-based raw material supplements the organic matter content. Addition of fulvin from Fulvic 25 provides an improved absorbency, even at low temperatures. This fulvine also mobilizes the present elements in the soil. Humic acids from Fulvic 25 prevent leaching of minerals and thus ensure efficient use of fertilizers. Natural sugars in BPF 5-0-3 serve as a source of energy and thereby stimulate soil life. The use of only plant-based ingredients ensures a low salt content, so there is no risk of burning. Because the product contains a combination of slowly and quickly released nitrogen elements, it has an effect of about 2 weeks.

PRODUCT BENEFITS

- Fully plant-based
- Supports soil life
- Contains natural fulvin
- Increased availability and absorption of minerals
- Provides a compact rhizosphere
- Also absorbable at low temperature
- Does not wash out
- Contributes to plant health
- Does not cause soil acidification



USE IN COMBINATION WITH OTHER (PHC) PRODUCTS

BPF 5-0-3 can be used with all PHC fertilizers, PHC bacterial products, PHC mycorrhiza products and PHC plant enhancers. Use of Biopak, MooR and PHC Mycorrhiza products support efficient use of fertilizers. Application of Fulvic 25 amplifies the effect of BPF 5-0-3.

Packaging, transport & storage

BPF 5-0-3 is delivered in 20 litre jerrycans or 1000 litre IBC's. Store the product dry, frost-free and out of direct sunlight. Large and/or sudden temperature changes can cause crystals to form. BPF 5-0-3 does not contain any preservatives. This can cause instability during (long-term) storage. Shake, stir or bubble before use to restore thickening. PHC supplies special stainless steel bubble rods with air dosing tap that can bubble an IBC or jerrycan from the bottom.

Shelf life: 1 year (possible up to 2 years).

Health and safety information

Not intended for ingestion. Wash your hands after use. Wear protective clothing when using this product. In case of an accident or if you feel unwell, consult a doctor. KEEP OUT OF REACH OF CHILDREN.

Product licences

BPF 5-0-3 is a plant-based fertilizer and is approved for use in organic farming in accordance with EU 834/2007. Check actual listing also on inputs.eu.



We Grow Soil.

INGREDIENTS

Sugar cane extract	98 %
Fulvic 25	2 %

DOSAGE

Agriculture	10-50 l/ha, two weekly
Tree nursery	10-50 l/ha, two weekly
Fruit cultivation	5 %, as needed
Greenhouse horticulture	1 ml/m ²
Horticulture	25-50 l/ha, two weekly

GUARANTEED ANALYSIS

Elements	Value	Amino acids	Total (g/kg)	Free ¹ (g/kg)
N-total	5 %	Alanine	9.60	2.70
P2O5	0.2 %	Arginine	1.40	0
K2O	3 %	Aspartic acid	8.80	2.9
B	9.8 mg/kg	Glutamic acid	44.30	20.5
CaO	0.8 %	Glycine	2.20	0
Fe	540 mg/kg	Histidine	0.60	0
MgO	0.5 %	iso-Leucine	1.70	0.8
Mn	37 mg/kg	Leucine	2.80	0
Zn	15 mg/kg	Lysine	1.50	0
Na2O	1.5 %	Phenylalanine	1.10	0
S	0.5 %	Proline	1.40	0
SO3	1.2 %	Serine	1.50	0
		Threonine	1.40	1
		Tyrosine	1.80	0
		Valine	2.10	0
		Total	81.80	27.9

¹ directly absorbable for plants

PROPERTIES

Total dry matter (of total weight)	57 - 58 %	pH	5.5 - 6.0
Ash residues	12 %	Amino acids	6 - 8 %
Organic matter	40 %	Density	1.3 kg/l

ADDITIONAL INFORMATION

Minimum dilution with water 1:20, 600 – 1000 liter water/ha. Spray the prepared product within 4 – 6 hours. Flush pipes with plenty of water after use.

Used raw materials are extracted from commonly grown crops, possibly resulting in residue. For fertilization in tomato cultivation, OPF 7-0-2 is recommended.

An additional dosage may be necessary for the recovery of parcels or crops in poor (bio) condition. Consult your product representative for tailor made advice.

As with all organic materials, the analysis may vary as much as 15%.

WARRANTY

Plant Health Cure sells the product PHC BPF 5-0-3. Follow the instructions on the packaging carefully when using the product. We do not guarantee the suitability of the product outside the originally intended application. Plant Health Cure is only obliged to replace products that do not meet the specifications. Suggestions for usage and information on results from the use of the product, obtained from the manufacturer, can be considered reliable. As Plant Health Cure cannot exercise any control over the conditions of use, the buyer/user is responsible for all results, including injury or damage resulting from the use of this product alone or in combination with other materials. Keep out of reach of children.

The most recent version of the data sheet is always available on www.phc.eu/en.