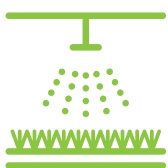




SOIL BIOLOGY

Invest in Soil



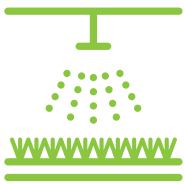
Amide Liquid Foliar Feeds

Designed to work in harmony with nature.



SOIL BIOLOGY

Invest in Soil



Amide Liquid Foliar Feeds

Conventional turf feeds and fertilisers often contain high salt levels, which can harm soil microbes and ecosystems. This damage may have long-term consequences, diminishing the benefits of biostimulants and other biologically friendly products.

Soil Biology's liquid fertilisers are designed to work in harmony with nature. Formulated with complexed amides, they offer superior nitrogen use efficiency, reducing losses to leaching, volatilisation, and emissions, all while minimising environmental impact.

Using Soil Biology's amide liquid foliar feeds provides controlled-release properties that enhance turf performance, reduce application frequency, and lower the risk of scorch. These products also promote soil health by preventing acidification and supporting beneficial microorganisms, offering a more sustainable and cost-effective alternative to conventional treatments.

Benefits of Soil Biology's amide foliar technology over traditional salt-based fertilisers:

- › **Biology-friendly fertilisers**
Supports beneficial microorganisms and soil health.
- › **Conserves plant energy**
Requires less nitrogen conversion, making nutrients more efficient.
- › **Balanced nutrient uptake**
Every molecule contains all the complexed elements for simultaneous absorption.
- › **Sustainable**
Environmentally friendly and cost-effective for long-term use.
- › **Contains Triacontanol***
A naturally occurring long-chain fatty alcohol that influences various physiological processes in plants to enhance growth and increase efficiency of nutrient use.
- › **Low Point of Deliquescence (POD)**
Nutrients remain on the leaf longer, improving absorption and reducing volatilisation.
- › **Low salt fertilisation**
Minimises harm to soil microbes and ecosystems.

* Where listed in product contents.



FlexBio 18.0.3

Total Nitrogen (N)	17.6% (Amide N: 15.9%, Nitrate N: 1.7%)
Phosphorus (P ₂ O ₅)	0.1%
Potassium (K ₂ O)	3.2%
Calcium (CaO)	4.6%
Magnesium (MgO)	1.5%
Trace Elements	Manganese (Mn), Boron (B)
Key Additive	Triacantanol

FlexBio provides a complete slow-release nutrient package with added natural plant extracts to stimulate root growth, tillering, and shoot strength.

- Ideal for spring and summer, offering efficient nitrogen with a low salt index and fast uptake.
- Includes a 5% carbohydrate source to boost microbial growth in the root zone.

SB Response 6.0.0

Total Nitrogen (N)	6.0% (Amide N: 6.0%)
Trace Elements	Copper (Cu) 1%, Zinc (Zn) 3%, Magnesium (MgO) 1.6%, Manganese (Mn) 3.7%, Sulphur (SO ₃) 10%
Key Additive	Triacantanol

SB Response is a premium multi-nutrient package designed for natural turf resilience and hardiness against biotic stresses during autumn and winter.

- Complexed nutrients ensure fast, efficient uptake and simultaneous absorption of all elements which are quickly translocated for uniform distribution throughout the plant.
- Includes stabilised plant extracts and phytoelicitors to enhance photosynthesis, root and shoot growth, and rhizobacteria-promoting root exudates.

SB Fortress

Total Nitrogen (N)	6.0% (Amide N: 6.0%)
Potassium (K ₂ O)	0.6%
Magnesium (MgO)	1.2%
Salicylic Acid	2.0%

SB Fortress is a salicylic acid and nutrient formulation that boosts natural plant defences and improves photosynthesis, transpiration, and nutrient transport.

- Stimulates the plant's defence mechanisms against biotic and abiotic stresses.
- Enhances cell division, photosynthesis, and root development.
- Regulates key enzymes for plant immunity and resilience, supporting healthy growth under stress.

BioCarb 3.0.12

Total Nitrogen (N)	3.0% (Amide Nitrogen: 3.0%)
Potassium (K ₂ O)	12.0%
Key Additive	Triacantanol

BioCarb is an ideal foliar feed for early start and autumn treatments, delivering nitrogen and potassium effectively when lower soil temperatures restrict root uptake.

- Potassium strengthens plant cell walls during abiotic stress and reduces susceptibility to pests and disease.
- Mildly acidic (pH 5.5) to optimise nutrient availability and support soil health.

Nitro Mag22

Total Nitrogen (N)	22.0% (Amide N: 22.0%)
Magnesium (MgO)	4.5%
Key Additive	Fulvic Acids

Nitro Mag partners well with growth regulators and is ideal for turf greening.

- Complexed magnesium supports root development, enzyme activity, and chlorophyll production.
- Amide nitrogen promotes turf exudate production, nourishing soil microflora.

Supa ATP

Phosphorus (P ₂ O ₅)	20.6%
Potassium (K ₂ O)	4.8%
Trace Elements	Sulphur (SO ₃), Manganese (Mn), Boron (B), Zinc (Zn)
Key Additive	Triacantanol

Supa ATP provides phosphorus in a highly effective, nitrogen-free spray to combat deficiencies year-round.

- Powers turf growth from seedling to maturity and strengthens it against cold weather.
- Low pH formulation ensures nutrient availability.

Liquid Calcium

Amide Nitrogen (N)	3.9%
Calcium (CaO)	14.5%
Boron (B)	0.25%

Soil Biology's **Liquid Calcium** utilises advanced nutrient uptake technology to enhance calcium absorption.

- Rapidly treats calcium deficiencies and strengthens plant cell walls.
- Boron synergy improves plant health and efficiency of calcium uptake.



Amide Liquid Foliar Feed Range

Continued.

pHylloFeed 6.0.0

Total Nitrogen (N)	6.0% (Amide Nitrogen: 6.0%)
Magnesium (MgO)	2.0%
Sulphur (SO ₃)	2.9%
Trace Elements	Manganese (Mn), Boron (B), Zinc (Zn), Copper (Cu), Molybdenum (Mo), Cobalt (Co)
pH	2.4
Key Additive	Triacantanol

pHylloFeed is designed to aid the sward health and to boost photosynthesis even after applications of nitrogen or other micronutrients.

- › Delivers a balanced mix of minerals for even nutrient uptake, avoiding lock-up from straights.
- › Amide nitrogen speeds plant response, enabling direct amino acid and protein synthesis.

pHylloFlex NP 7-14

Total Nitrogen (N)	7.0% (Amide N: 5.0%, Ammonium N: 2.0%)
Phosphorus (P ₂ O ₅)	13.8%
Magnesium (MgO)	1.0%
Trace Elements	Sulphur (SO ₃), Zinc
pH	2.2
Key Additive	Triacantanol

phylloFlex NP is formulated to address phosphorus shortages throughout the year.

- › Prevents phosphorus loss from complexing and does not inhibit mycorrhizal development when overseeding.

pHylloGreen 12.2.7

Total Nitrogen (N)	12.0% (Amide N: 10.6%, Nitrate N: 1.4%)
Phosphorus (P ₂ O ₅)	1.9%
Potassium (K ₂ O)	7.0%
Magnesium (MgO)	0.7%
Trace Elements	Sulphur (SO ₃), Manganese (Mn), Boron (B), Zinc (Zn), Copper (Cu), Molybdenum (Mo)
pH	1.9
Key Additive	Triacantanol

pHylloGreen combines phosphorus and micronutrients to energise turf and support seedling and root development.

- › Neutralises bicarbonates in root zones, combating high pH irrigation and sand dressings.
- › Provides carbohydrate to encourage microbial activity in sand-based root zones.

pHylloMag

Total Nitrogen (N)	2.0% (Amide N: 2.0%)
Magnesium (MgO)	12.0%
pH	2.0
Key Additive	Fulvic Acid 2%

pHylloMag rapidly corrects magnesium deficiencies and enhances nitrogen uptake, promoting photosynthesis.

- › Ideal replacement for granular magnesium, improving chlorophyll production and combating leaching in low-pH soils.

Contact us

Contact Soil Biology today to arrange a visit from one of our qualified turf agronomists.

T: +44 (0)1892 883759 | **E:** office@soilbiology.uk
www.soilbiology.uk

Unit 30 Branbridges Industrial Estate,
East Peckham, Kent TN12 5HF
UNITED KINGDOM

