

# BioBlend

Soluble blend of beneficial microbes, seaweed extract, L- amino acids and humates.

**BioBlend is a soluble powder that supplies a concentrated blend of beneficial soil microbes, seaweed extract, L- amino acids and potassium humates.**

This easy-to-use powerful blend helps to pull together all the hard work that goes into growing high quality crops and plants:

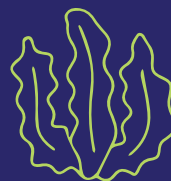
- Beneficial microbes make applied nutrients more effective and help to resist disease infection, which reduces the requirements for fertilisers and pesticides,
- Soluble seaweed supplies bioactive sugars (polysaccharides) that help the plant to use nutrients much more efficiently and triggers the plants defences against pest & disease attack,
- L-amino acids help to improve photosynthesis, which has a cascade affect on plant metabolism and physiology.
- Biologically active humates reduce fertiliser requirements by increasing fertiliser adsorption and efficiency, and increase plant stress tolerance and plant vigour.

**BioBlend** removes the need for bulky and heavy liquid formulations and is a cost effective solution for the purchase of biostimulants.

## Composition

The powdered seaweed content is made by spray drying Biotechnica's certificated organic AlgaFlex 30 liquid seaweed concentrate, which is derived from an aqueous extract of *Ascophyllum nodosum*. AlgaFlex SD retains all the advanced bioactive properties of liquid AlgaFlex 30.

The microbes in BioBlend are a selected range of bacterial and fungal species intended for use both as a soil treatment and for subsequent foliar application. A population of beneficial microorganisms are established around the plant and roots, boosting nutrition and providing protection against stress.





## Composition

BioBlend contains a balanced range of natural L-isomers amino acids. Our highly concentrated source of amino acids can be directly used by plants in the production of proteins. Blended amino acid formulations are essential to prevent toxic 'feedback inhibition' which occurs when applying single compound treatments. Biotechnica amino acids are particularly high in glutamine; known to be essential for optimising the partitioning of nitrogen to optimise plant growth.

The inclusion of humates improves soil conditions and in particular, promotes the activity of beneficial bacteria and fungi including mycorrhizae. This increased bioactivity leads to an improved soil structure and encourages the symbiotic relationship between plants and their associated microbial species, and the natural organic carbon cycle is reinstated.

## Application guidelines

Dissolve 1-2kg of BioBlend in 300-400L of water per hectare.

## Incompatibilities

No known incompatibilities, but Biotechnica cannot predict or guarantee mix success for any product. Always conduct a bucket test to confirm compatibility.

For more information on any of our products, contact our BioAgronomy experts.



## Contact us

+44 (0)1234 989 000  
info@biotechnica.co.uk

Hudson Road, Elm Farm Industrial Estate,  
Bedford, MK41 0HR, United Kingdom

