

AlgaFlex Fibre

Granulated organic fertiliser
NPK 7:1:3 (% w/w)

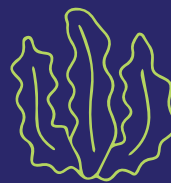
AlgaFlex Fibre is one of two products that result from our water-based method of extracting bioactive ingredients. The Biotechnica liquid seaweed extraction process uses relatively low temperatures and no chemicals to extract bioactive ingredients from *Ascophyllum Nodosum* seaweed that is hand-harvested from the cold coastal waters of the Atlantic Ocean. We do not use chemical solvents, such as potassium hydroxide, to soften seaweed tissue before extraction. The resulting fibre, which still contains bioactive ingredients, is mixed with an approved organic liquid fertiliser, dried and granulated. The result is a fully organic granular fertiliser that can be used on any crop, landscaped areas and turfgrass surfaces.

AlgaFlex Fibre can be supplied as a pellet (5mm dia x 10-12mm), or as an “instant coffee” size granule. AlgaFlex Fibre can also be supplied without the added organic fertilisers. The fibre contains bioactive ingredients that are valuable for plant health and growth, and also absorbs 10-12% of its dry weight of water.

Physical and Chemical Properties

[Properties will vary due to conditions at time of harvesting. A full analysis of the batch purchased is available on request]

Appearance Dark brown pellet





Typical analysis

Organic matter (LOI)	81.5%
Organic carbon	40.1%
pH	5.7
Bioactive ingredients (w/w)	2%
Total nitrogen (w/w)	7.5%
Phosphorus [P] (w/w)	0.6%
Potassium [K] (w/w)	2.8%
Magnesium [Mg] (w/w)	0.6%
Sulphur [S] (w/w)	1.7%
Copper [Cu] (mg/kg)	5.7
Zinc [Zn] (mg/kg)	125
Sodium [Na] (w/w)	1.7%
Calcium [Ca] (w/w)	1.4%

Application rate

Surface application 200-500kg per ha (20-50g per m²)
 Mixing into soil and growing media - 10-20g per litre volume.

AlgaFlex is approved for use in organic cultivation by the Organic Farmers and Growers Association receiving the following certifications.



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

