



SHORTHAND CATALOGUE



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British Organic Bio was created to provide the highest quality organic products for growers, and to reduce the impact on the planet, for us and the growers who choose us.

Our objective is to supplement as many growers as we possibly can with our organic nutrients, furthermore, giving our customers the best possible results, all while spreading the message of the importance of using natural, organic products to keep our plants and our planet healthy.

British Organic Bio's technical team identified a suite of key technologies that were not being utilised in organic farming. These technologies are fully in line with organic regulations, and we have harnessed them in our products to ensure that organic growers can achieve great tasting crops and quality that surpass growers using conventional non-organic inputs.

British Organic Bio is all British made, meaning there is no need for importation, reducing our carbon footprint as well as cutting out any delays on transportation that would occur if our products were not bottled and branded in the UK.

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CARBONBASE

ORGANIC BASE NUTRIENT



FEEDS THE SOIL, FEEDS THE PLANT.

Carbon Base is a nutrient and energy source for both your plants and the beneficial microbes that are essential for a successful grow in organic crops.

The carbon based nutrition in this product is the foundation of a strong resilient growth, the likes of which organic farming is renowned for.

The nutritional composition of Carbon Base perfectly complements those found in Fish Base, so we recommend using both products to provide a comprehensive fertilizer regime both in vegetative and flowering phases of plant growth.

NUTRIENT CONTENT (W/V)	AMOUNT
Nitrogen	4.0%
Phosphorus (as P_2O_5)	1.0%
Potassium (as K_2O)	5.0%
Magnesium	1.2%
Sulphur	5%
Organic Carbon	15%

+Micronutrients in concentrations that naturally vary due to the product being a biological extract.



Available in 500ml & 1L bottles .

BUILD THE FOUNDATIONS OF A HEALTHY CROP.

Fish Base is a unique product that uses sustainably sourced fish biomass to create a balanced organic feed for plant growth. Fish Base is created using a patented process for hydrolysing the skeleton and muscle of fish caught in the Atlantic Ocean.

Fish Base provides the elemental base nutrients required for a fast and healthy crop. Fish Base also provides biochemicals found in the hydrolysed fish protein that will stimulate extra growth; this includes bioactive compounds such as amino acids.

Fish Base is extremely concentrated and not watered down; this is evident by its viscous properties and high density.

NUTRIENT CONTENT (W/V)	AMOUNT
Nitrogen	3.9%
Phosphorus (as P ₂ O ₅)	5.15%
Potassium (as K ₂ O)	2.22%
Hydrolysed Protein	23%

+Micronutrients in concentrations that naturally vary due to the product being a biological extract.



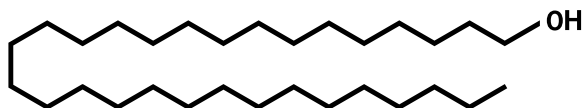
Available in 500ml & 1L bottles.



Triacontanol is a natural extract of bees wax that has been repeatedly been shown to boost photosynthesis by both academic scientists and commercial growers of high value crops. However, liquids containing triacontanol rely on solvents and surfactants to produce a stable product.

These synthetic chemicals are not allowed under organic certification schemes for use in organic farming. B.O.B. Organic Boost is different. It is created using only materials allowed under organic certification processes and by a unique process to produce a stable product.

This method is so successful that we are able to offer a 0.2% solution, widely considered to be 'super strength' for a triacontanol-based product.



Available in 250ml & 1L bottles.



SEASILICA

SOLUBLE SILICA SOURCE



THE ONLY ORGANIC SOLUBLE SILICA SOURCE.

Organic growers can finally utilize the powers of silicon in their grow thanks to B.O.B. unique breakthrough in organic nutrient technology. Sea-Silica is produced via a unique process that allows for seaweed bioactives to be co-extracted with silica content.

Until now organically grown crops have not been able to access silicon supplements. This was a major problem because silicon is needed for plant defence; silicon produces strong cell walls that resist pests, diseases, and environmental stress. With organic growers not using conventional pesticides, this meant that often crops could be completely wiped out by problems that could otherwise have been tolerated if silicon was available. Thus organic growers using Sea-Silica now have access to a new weapon in their Integrated Pest management (IPM).

Sea-Silica will break down into mono-silicic acid when diluted into water. This will be absorbed by plant roots and moved to all tissues of the plant to form strong cell walls.

The seaweed bioactives in Sea-Silica, including alginic acid and sulphinated fucans, will further improve plant defence, by acting as elicitors of plant defence receptors. The mannitol from the seaweed will assist the plant in absorbing the key micronutrient boron, and also act as a natural antioxidant.

Furthermore, Sea-Silica can be used as an organic 'pH Up' to control the pH of your feed solution.

NUTRIENT CONTENT (W/V)	AMOUNT
Silicon	5.2% (11% as Silica)
Potassium	4%

+Dissolved seaweed biochemistry.



Available in 250ml & 1L bottles.



ORGANICCALMAG

CALCIUM MAGNESIUM SUPPLEMENT



ORGANIC SOLUBLE CALCIUM PLUS AMPLE LEVELS OF MAGNESIUM.

Getting a soluble form of calcium and magnesium for organic growing is tough. A lot of the products on sale for conventional growers are based on synthetic chemicals and chelates. Plus, most of the organic calcium products are insoluble powders (e.g. lime and gypsum). Organic Cal-Mag utilizes a unique manufacturing process to combine organically approved ingredients into one fully soluble liquid product.

Why does Organic Cal-Mag have a pink hue?

Organic sources of calcium and magnesium always have a pink colour (see the Dolomite Mountains as a great example!). Organic Cal-Mag products that are white in colour invariably contain no magnesium. This can lead to chlorosis due to a lack of magnesium in the product. Furthermore, any calcium in the product then goes on to interfere with the uptake and use of magnesium from the base feed. For this reason, we ensure that Organic Cal-Mag has ample levels of magnesium in it, thus giving the pink hue.

Why such a low dose rate?

We use only the finest organic starting materials and provide a true analysis of the actual nutritional content. Give the bottle a shake and see how thick and viscous the product; it is packed full of calcium and magnesium. As a result, you do not need to apply much to get massive gains in yield and quality in your crop.



NUTRIENT CONTENT (W/V)	AMOUNT
Calcium	2.33% (as CaO)
Magnesium	1.66% (as MgO)

Available in 250ml & 1L bottles.



ORGANICPH DOWN

NATURAL PH CONTROL



PH CONTROL FOR ORGANIC GROWS.

The control of pH in organic feeds can be a tricky business. Some organic fertilizers can be outside of the sweet spot for plant growth (pH 5.5-6.5). Plus the vast majority of pH control products on the market are not compatible with organic cultivation. Most pH Down products are based on phosphoric acid, and pH Up products on potassium hydroxide. B.O.B pH Down is different, it is based on organic acids, which are allowed under organic certification schemes.

So use Organic pH Down to lower your pH and, if you need to raise the pH of your feed solution use Sea-Silica, which will also add the silicon nutrition to your feed.

The organic acids in Organic pH Down have additional functions other than just reducing the feed pH. Once in the soil / growing media the organic acids will help solubilize calcium, phosphorus and iron; all key nutrients that can get 'locked up' in the growing media over a matter of weeks. The organic acids will also feed beneficial microbes by driving the Krebs metabolic cycle.



Available in 250ml & 1L bottles.



ORGANICMICROBES

GOOD BACTERIA FOR GROWTH



GOOD BACTERIA FOR ORGANIC GROWTH.

Unlike conventional fertilizers, organic fertilizers contain complex and long nutrient molecules. These need to be broken down in the growing medium/soil before they can be taken up by plant roots. The breaking down of these large nutrient molecules is undertaken by beneficial microbes feeding off the fertilizer and compounds exuded by the plant roots to feed them. As a result, ensuring that there is a large population of beneficial microbes in the growing media is essential in organic farming. Bacteria optimized to this task are provided in very high numbers in B.O.B. Organic Microbes.

In addition to solubilizing nutrients, the plant growth promoting bacteria in Organic Microbes will also protect against environmental stress (heat, cold, drought, over-watering etc). They can also help the plant resist attack by pathogens and pests.

Organic Microbes contain a range of species and strains of beneficial microbes to ensure that there is a strain suitable for your specific growing conditions and plant variety.

NUTRIENT CONTENT (W/V)	AMOUNT
<i>Bacillus methylotrophicus</i>	3 x10 ⁷ CFU/mL
<i>Bacillus subtilis</i>	3 x10 ⁷ CFU/mL
<i>Bacillus licheniformis</i>	3 x10 ⁷ CFU/mL



Available in 250ml & 1L bottles.



TRYITBOX

ORGANIC NUTRIENT KIT



TRY GROWING ORGANIC.

The British Organic Bio Try it Box contains the foundation products of our premium organic nutrient range. Discover the potential of growing with us!

- **Fish Base:** a unique product that uses sustainably sourced fish biomass to create a balanced feed for plant growth.
- **Carbon Base:** a nutrient & energy source for your plants and the beneficial microbes that are essential in organic growing.
- **Organic Boost:** The only fully organic Tricentanol boost on the market, sourced naturally from beeswax, proven to boost photosynthesis in crops.
- **Organic Microbes:** Good bacteria that helps plants grow, by breaking down large nutrient molecules, this aids the roots nutrient intake.

KIT CONTENT	AMOUNT
Fish Base	1x 500ml Bottle
Carbon Base	1x 500ml Bottle
Organic Boost	1x 500ml Bottle
Organic Microbes	1x 500ml Bottle



Contains 4 x 500ml bottles.

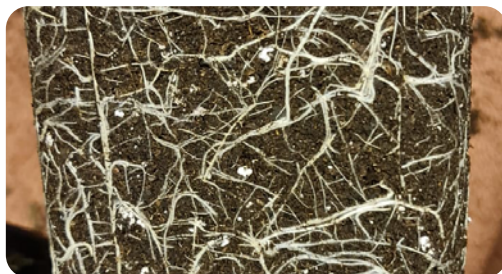


ORGANICALL MIX NATURAL SUBSTRATE



ALL NATURAL PREMIUM PEAT MIX SUBSTRATE.

British Organic Bio All-Mix is a premium mixture of the finest types of peat, combining white & black peat to create the perfect blend for growing organically. Pre-fertilised & activated using certified organic materials, British Organic Bio's All-mix is ready to take your grow to the next level.



Roots cultivated in Organic All-Mix with no nutrients added!

SUBSTRATE CONTENT	AMOUNT
Black Peat	35%
White Peat	35%
White Peat Fraction	20%
Perlite	10%

Mixed with 2kg Organic Fertilizer, 2kg Organic activator, 2kg Eifelgold stone flour & 5kg Lime.



Available in 50L bags .

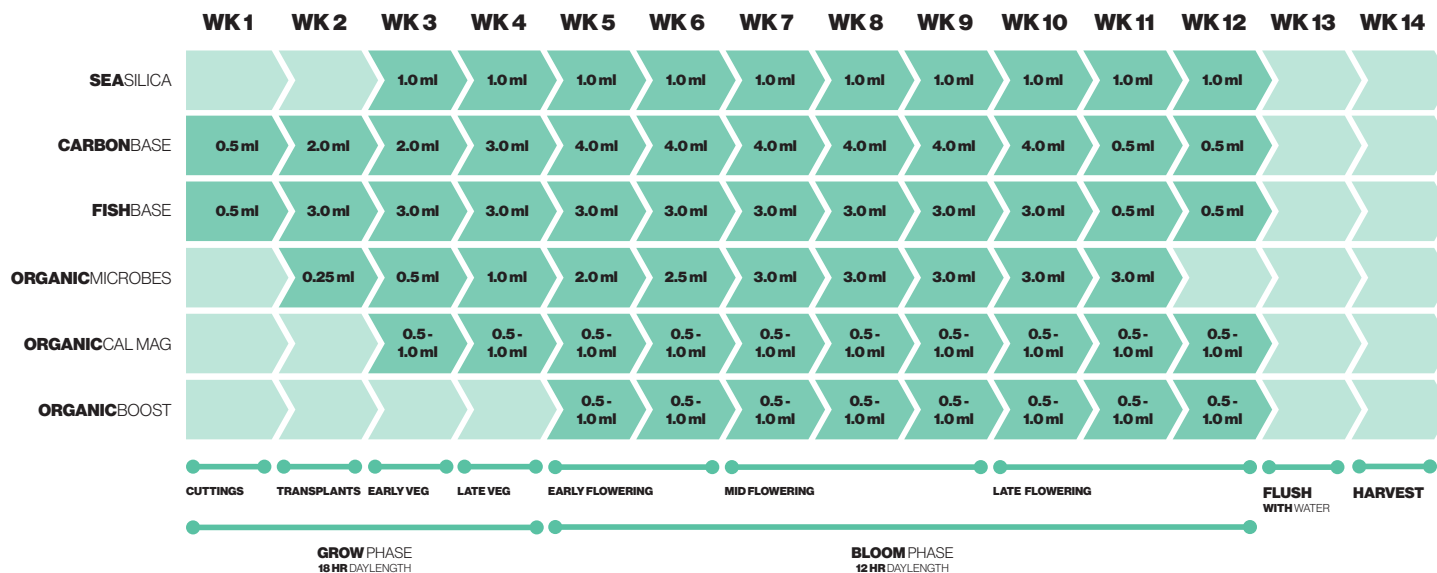
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NUTRIENT SCHEDULE

USE MEASUREMENTS IN 1 LITRE OF WATER.



PLEASE NOTE: THIS SCHEDULE IS TO BE USED AS A GUIDE ONLY. THE AMOUNTS SHOWN ARE THE MAXIMUM DOSAGE, PLEASE ADJUST ACCORDING TO YOUR SETUP.





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