

BIOM LIQUID ORGANIC FERTILISER INFORMATION SHEET



BIOM Liquid Organic Fertiliser

Liquid Organic Fertiliser is made from seaweed full of high nutrient content and has a large number of activated micro-organisms, which are all beneficial to the soil. It also contains fulvic which can reduce the amount of fertiliser and improve the stress resistance of crops. Activated micro-organisms not only has the effect of absorbing and fertiliser holding ability in the soil (or compost, coconut fibre, rocks, and other base), but also create an active environment for plant roots. Therefore, nutrients from the base can be significantly absorbed by crops, which can save fertiliser.

Liquid Organic Fertiliser BIOMNZ® amino acid chelated trace elements are high-end organic fertiliser, contains amino acid organic matter, organic nitrogen, which are all essential for plant growth. It can promote the growth of crops, fruits and vegetables actively and improve vegetables taste much better than chemical fertiliser. BIOM amino acid is high purity, good fluidity, 100% fully soluble in water.

BIO-ORGANIC FERTILISER FOR ENHANCING SOILS/ Base

Increasing public awareness of the environmental impact of using chemical-based fertiliser has created a demand for a safe, natural and environmentally friendly fertiliser.

Biologically active soils have the ability to retain moisture and release nutrients ensuring greater production, faster rotation and more rapid recovery from stress. To build a healthy biological soil we need products that can feed living organisms. Biological fertilisers increase nutrient availability and feed important soil organisms, such as earthworms and microorganisms (fungi and bacteria) – all essential for plant and soil health.

Soil health and soil fertility requires much more than NPK fertiliser. Without the right biology, plants and animals cannot reach their full potential. Biology is essential for the recycling of nutrients and the fixing of atmospheric nitrogen.

Key Feature of BIOM Liquid Organic Fertiliser

- Seaweed based
- Fulvic acid and *activated* micro-organisms added
- Foliar spray can quickly and effectively be absorbed by plants
- Plant sourced, natural pure, non-toxic pollution-free, no risk of parasites and pathogens
- Promote crop roots to absorb nutrient elements in the soil, to achieve the balance between supply and demand of nutrients
- Enhance plant root and activity
- Ameliorates soil and extends soil fertility.



Benefits of Micro-organisms and humates

BIOM Liquid Bio-Organic Fertiliser™ can be used for all purposes and it benefits plants during all growth stages. It can be used as a stand-alone application or in conjunction with other compatible products.

During manufacture, **BM1™** (Selected group of micro-organisms) has been added which can enhance nutrient cycling, improve soil structure and moisture holding capacity, and boost general biological activity in soils.

Additional biology such as *Bacillus licheniformis*, *Bacillus subtilis*, *Bacillus pumilus* and *Bacillus coli* to assist with the decomposition of many natural substances and thus enhance nutrient cycling in the soil and to beneficially colonise plant shoot and root surfaces. All these organisms have been utilised in biological control to augment natural plant defences.

BIOM Bio-Organic Fertiliser™ contains humates. Humates are consist of humic and fulvic acid along with the raw humates (prehistoric plant matter) from which these powerful natural acids are derived. BIOM has developed a product range which includes 9 humate options. The BIOM humates are obtained from a super-active fulvic source. BIOM has achieved extraordinary quality while maintaining exceptional cost competitiveness.

Physical and chemical properties

| | |
|-----------------------|--------------------|
| Appearance | dark yellow liquid |
| Solubleness | 100% water soluble |
| Organic matter | 70-75% |
| Fulvic acid | 8-12% |
| Micro organism | 500 million/ml |

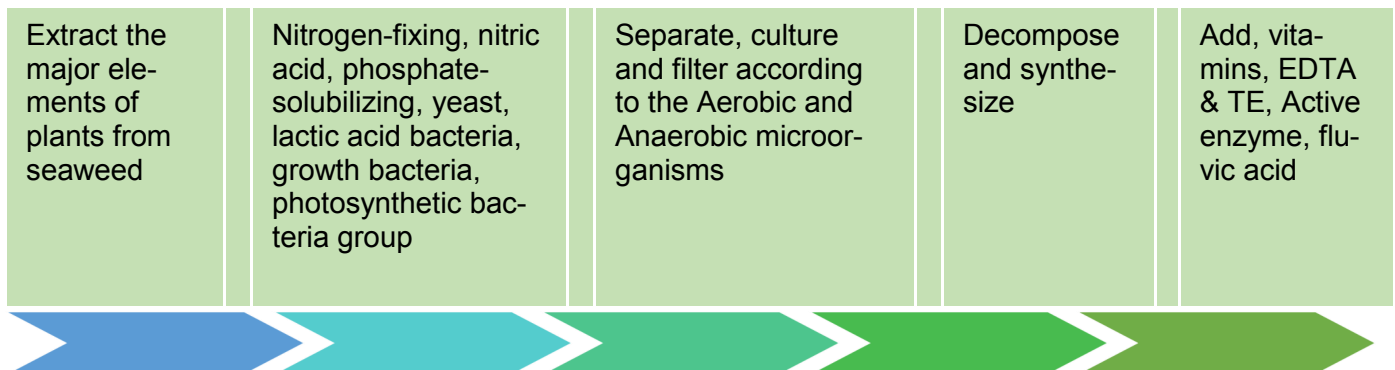
Dose and methods

Foliage spray : 1:1000 ratio, 2L/Ha, spray before 10AM or after 16PM is better. If it rains 2 hours after spraying, it should be applied again.

Organic supplement to base: For growers who use compost, coconut fibre, rocks, and other base, it is essential to add some micro-organisms into the base to form a soil-like environment for plants roots. 1L/week,

Soil activation: 5L/Ha, once a month.

Unique Tech of BIOM Liquid Organic Fertiliser



Notes

This product can be used in conjunction with pesticides. Always ensure to dilute BIOM Organic Liquid Fertiliser™ (based on application rate) first before adding pesticide and thoroughly mixing the blend.

This product is full purpose use.

STORAGE: Store in a cool, dry place out of direct sunlight.

KEEP OUT OF REACH OF CHILDREN AND PETS.

OTHER PRODUCT: [Bio-Organic Fertiliser](#) | [Bamboo Biochar Organic Fertiliser](#) | [Carbon Power Water Soluble Fertiliser](#) | [Liquid Organic Fertiliser](#) | [Soil & Plant Laboratory Element Test](#) | [Amino Acid Product](#) | [Organic Soil Sterilisation](#)

We are committed to organic fertiliser, improving the activity and quality of plants.

TEL: 0064 9 570 5984 | Email: info@biomax.co.nz | Website: www.biom.co.nz

