

BIOGUN

Liquid Growth Biostimulant

SYNTHESIS

Beneficial microorganisms $>2 \times 10^{12}$ cfu*/l
Manganese (Mn) 1.0 %

*cfu: colony forming units



Net Content: 1 l

Produced by

HUMOFERT



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BIOGUN is a growth biostimulant that contains beneficial microorganisms which exist naturally on the leaves, the shoot and the rhizosphere in most plant species and offer nitrogen readily available. Furthermore, the beneficial microorganisms of **BIOGUN** contribute to the assimilation of nutrients by the cellular tissues of the leaves and at the same time they produce substances which enhance the resistance of plants against various environmental factors. In parallel, the liquid substrate of **BIOGUN** is rich in chelated manganese and oligosaccharides and therefore contributes to the nutrition and vigour of crops.

BENEFITS

- * Provides plants with nutrients and enhances their vigour.
- * Activates and accelerates the biological processes that take place in the overground part of the plant.
- * Promotes the cellular division of the plant cells and contributes to the growth of the crops.
- * Enhances the synthesis of chlorophyll as well as the availability of phosphorus and calcium to the plants.
- * Increases the beneficial microbial population of the foliage.
- * Corrects manganese deficiency in all crops.
- * Fortifies the resistance of the plant against stressful environmental factors.
- * Is an ecological product which does not disrupt the balance of the ecosystem.
- * Does not affect beneficial insects.
- * Does not contain pathogens since it is manufactured under sterile conditions.

RECOMMENDED CROPS

BIOGUN can be applied in vegetables, horti-culture, fruit trees, trees, bushes, ornamental plants, corn, rice, cotton, tobacco, sugarcane, tea crops, coffee, cocoa, nurseries etc.

PRECAUTIONS

In case of contact with skin or clothing, remove all clothing and wash thoroughly your skin with soap and water. In case of contact with the eyes, remove any contact lenses you may wear and flush with plenty of water. If irritation persists, seek medical advice. Use always personal protective equipment (mask, protective clothing, gloves, shoes) during application. Do not allow others to enter the field of crop for at least 4 hours after the application of the product.

KEEP OUT OF REACH OF CHILDREN

APPLICATION

BIOGUN is applied foliarly by spraying the entire leaf surface. The dilution rate depends on the type and the size of the crop. In any case the spraying solution must be sufficient for the full coverage of the crop. The product must be applied late in the afternoon at sunset and in conditions of relatively high humidity (temperature : 22-33°C & humidity : 68 - 100%).

APPLICATION FREQUENCY

The product must be applied systematically from the beginning of the growing season until the harvest in order to ensure an adequate population of beneficial microorganisms throughout the growing season of the crop. For open field crops it is recommended to apply once a week while for greenhouse crops it is recommended to apply every 10-15 days.

APPLICATION RATE

Open field crops: Apply foliarly at an application rate 1 - 2.5 l/ha after you dilute the dose in 200 - 2,000 l of water depending on the type and the size of the crop.

Greenhouse crops: Apply foliarly at an application rate 100 - 250 ml/100 l of water. Use as much spraying solution as needed for the achievement of the coverage until runoff.

COMPATIBILITY

BIOGUN can be mixed with fertilizers, insecticides and herbicides. It cannot be mixed with fungicides, bactericides and copper products. Furthermore, fungicides and bactericides must not be applied in the crop 7-10 days before and after the application of **BIOGUN**.

STORAGE CONDITIONS

Store well sealed in its original container. Store in a cool place, without humidity. IT MUST NOT FREEZE. Keep out of immediate sunlight and any heat source to avoid overheating. Ideally, the product must be stored in the refrigerator (4°C). In these conditions, the product has a shelf life of approximately one year from the date of production. After use do not allow the lid open. Empty bottles must not be reused.

Approved for use in organic agriculture according to Reg. (EC) 889/2008: Annex I; (Micronutrients, Microorganisms). Restriction: Micronutrient deficiency must be documented by testing or competent professional award.