



# GENUS MC8™

Soil Probiotic and Biostimulant Complex

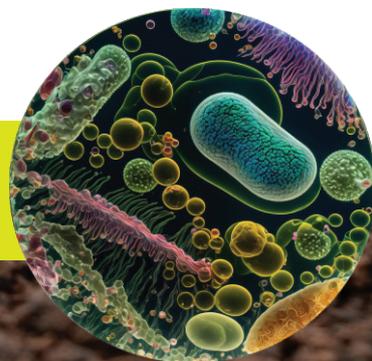
## Rebuild, Replenish & Regenerate Soil and Plant Life with an Advanced High-Performance Probiotic for Soils!



**GENUS MC8** is a water soluble bio-fertilizer powder containing a unique mixture of five different plant growth promoting rhizo-bacteria (PGPR) and three different plant growth promoting rhizo-fungi (PGPF), along with a blend of biostimulants and chelated micronutrients formulated for use in seed coating, seed germination, soil drench, transplant treatment, in-furrow spray, and bare root treatment. A perfect solution to regenerate soil fertility.

*Natural pro-biological ingredients provide a multi-faceted approach to building robust fertile soils*

*The plant and the microbiome become so close that the microbes actually live inside the plant! This association of microbes and roots often benefits both organisms. The plant gives the microbes food, such as carbohydrates and amino acids, and the microbes give the plant minerals, vitamins, nitrogen, and amino acids.*



## Beneficial Microbial and Biostimulant Complex for Soil and Crop improvement

**PURPOSE**

Genus MC8 is a water soluble bio-fertilizer powder containing a unique mixture of five different plant growth promoting rhizo-bacteria (PGPR) and three different plant growth promoting rhizo-fungi (PGPF) and a blend of biostimulants and chelated micronutrient formulated for use as a soil drench, transplant treatment, in-furrow spray, bare root treatment and foliar application.

**CONTAINS NON-PLANT FOOD INGREDIENTS AND NOT A FERTILIZER SUPPLEMENT**

Total microbials .....5%  
 Total biostimulants.....72%  
 Total inert ingredients.....23%

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapffco.orf/metals.htm>

**GUARANTEED MINIMUM ANALYSIS:**

Bacillus subtilis 5 x 10<sup>8</sup> CFU  
 Bacillus licheniformis 5 x 10<sup>8</sup> CFU  
 Bacillus amyloliquefaciens 5 x 10<sup>8</sup> CFU  
 Brevibacillus laterosporus 5 x 10<sup>8</sup> CFU  
 Bacillus pumilus 5 x 10<sup>8</sup> CFU  
 Trichoderma viride 5 x 10<sup>6</sup> CFU  
 Trichoderma harzianum 5 x 10<sup>6</sup> CFU  
 Glomus interaradices 150 Viable Propagules/g  
 Iron (Fe) 0.05%  
 Manganese (Mn) 0.05%  
 Zinc (Zn) 0.05%  
 Humic Acid 20%  
 Fulvic Acid 20%  
 Amino Acids 20%  
 Ethylenediaminetetraacetic acid (EDTA) 23%  
 Can be used with compatible powder or liquid nutrients.

**APPLICATION:**

Apply to soil, existing plants, seed beds or roots at transplant time for any plants. Make physical contact between the product and the plant root/seeds. Mix Genus MC8 with required amount of water and apply. Follow the direction to use as shown below.

**Dosage Recommendation and direction of use: 1 hectare (ha) = 2.4 acre (ac)**

Crops	Application (g/ha) (oz./ha)	Direction of Use
Open Field: Cereals, Pulses, Oil Crop, Root Crop, Fruits and Vegetables	207 to 260 g/ha 7 to 9 oz/ac	In-furrow: Used in 26 gal. of water. Irrigation: apply after transplanting
Transplanted Crops: Berries, Grape, Apple, Ornamentals	155 to 207 g/ha 5.3 to 7 oz/ac	In-furrow: Used in 26 gal. of water. Irrigation: apply after transplanting
Greenhouse Crops	207 to 260 g/ha 7 to 9 oz/ac	Irrigation and foliar application: Used in 26 gal. of water.
Established Crops: Berries, Grape, Apple and other fruits, Ornamentals and shrubs	155 to 207g/ha 5.3 to 7 oz/ac	Irrigation and foliar application: Use product in required amount of water and apply during the growing cycle.
Turf and Grasses	207 to 260 g/ha 7 to 9 oz/ac	Irrigation and foliar application: Use product in required amount of water and apply during the growing cycle.

It can be diluted or mixed with other compatible powders or liquid nutrients. **DO NOT** mix with fungicides or pesticides. Confirm tank mix compatibility and crop tolerance before mixing with other products. For more detailed directions for use on this product, contact your representative at NuVia Technologies.

MANUFACTURED FOR AND GUARANTEED BY:

**NUVIA** Technologies Inc. | Expertise in Agricultural Biochemistry, Microbiology, Bioprocess Engineering and Environmental Applications

Unit 5, 85 Chambers Dr - Ajax, ON - L1Z1E2 - Canada - [www.nuviatec.com](http://www.nuviatec.com)  
 Phone: +1 (416)-900-3768 - Email: [info@nuviatec.com](mailto:info@nuviatec.com)



**Mode of Action:**

Genus MC8 PGPR and PGPF inhabit the root zone and providing increased water and nutrient

**CAUTION:** This product contains Iron, Manganese, and Zinc and should be used only as recommended. It may prove harmful when misused. This product contains soybean. Adverse reactions may occur in sensitive persons. If skin contact occurs, wash with soap and water. Wear mask and protective gloves. If allergic reaction occurs, seek medical attention.

**PRE-CAUTION**

Keep out of reach of children. Do not breathe dusts or mists. Wash thoroughly after handling. Do not eat, drink when using this product.

**Product Spillage:** In case of spills, sweep or vacuum without creating dust, into a suitable container for disposal and wash area with water.

**FIRST AID**

SKIN CONTACT: Rinse thoroughly with water.  
 If irritation persist seek medical attention.  
 EYE CONTACT: Rinse thoroughly with water.  
 If irritation persist seek medical attention.  
 SWALLOWING: Rinse mouth thoroughly with water, salt water if possible. Induce vomiting and seek medical attention.

**STORAGE:**

The living PGPR and PGPF spores are an active ingredient in this product and require appropriate storage condition to ensure the viability and performance of the product.

- Keep container closed when not in use.
- For best temperature control, store product and treated seed on dry floor surface.
- Use before the expiration date. The expiration date is valid only for unopened packs stored under the recommended conditions above.
- Store product in original packaging under dry conditions, preferable room temperature or colder
- Avoid direct sunlight and excess heat.
- Keep container tightly closed and sealed until ready for use.

**Disclaimer:** Since the use of this product is beyond NuVia's control we will not accept any liability for the misuse or claims otherwise except for quality of the product.

Caution: The product contains micronutrients and soy amino acids, and should be used as recommended.

SDS: Please read the product Safety Data Sheet before use.

Product Available In 500gm, 5kg, 10kg

**KEEP OUT OF REACH OF CHILDREN**

BATCH NO:  
 MFG DATE:  
 EXP DATE:

