



If you would like to learn more about our unique line of ecological products please call +1 (305) 420-6633

or visit us on the Web at www.EcoMicrobials.com

Fact Sheet: EcoFlora™

EcoFlora is a balanced blend of beneficial bacteria and fungi certified for use in the production of organic food and fiber by the Organic Materials Review Institute (OMRI).

The constituents of EcoFlora and their functions are:

Bacillus subtilis, *B. polymyxa*, *B. pumilus* and *Penibacillus exotofixans*: secrete chitinases and other enzymes that degrade organic matter, compete against deleterious bacteria.

Pseudomonas aureofaciens: fix nitrogen, compete against deleterious fungi, produce phytohormones that stimulate germination of seeds and plant growth.

Streptomyces lybicus: Decompose organic matter, compete against deleterious fungi.

Trichoderma harzianum: Produce hormones that stimulate plant growth and development, compete against deleterious fungi.

EcoFlora can be applied to the foliage and/or the soil.

The strains of EcoFlora benefit plants by:

- Increase acquisition of available and unavailable nutrients
- Solubilize minerals
- Improve soil structure
- Produce active metabolites that stimulate plant growth and productivity
- Produce active metabolites that reduce the stress caused by adverse environmental conditions and deleterious organisms

EcoFlora is available as a powder.

EcoFlora Plus is EcoFlora with a 100% organic nutrient component that enhances the development of beneficial microbes.

Application rates

EcoFlora should be applied at moments when the plant has the stronger nutrient requirements, such as at planting time, before flowering and during fruit formation. Periodic applications during the growth cycle have proven most effective.

