## EM Technology TM

"Create a community with mutual understanding and well-being by using safety, user-friendly, low cost, high quality, and sustainable technology"

by Dr. Teruo Higa

## $EM \cdot PB$

EM·PB is an EM products that consists of Phototropic bacteria. It helps plant growth and improve soil in agriculture. It also helps treating water in aquaculture and in natural environment.

## What is Phototropic Bacteria?

Phototropic Bacteria is beneficial microbe living in nature, especially in water and soil. It not only produces beneficial substances from organic matters, but converts even harmful materials (e.g. hydrogen sulphide) into beneficial substances through its metabolic system. The metabolites developed by phototropic bacteria are useful for plants. They stimulate microbes' activity in the soil and are effective to create healthier conditions in the soil and water.





**Agriculture** 



Water purification



Aquaculture

- Effects of EM·PB:
- Improves microbial balance in the soil and the soil condition
- Accelerates decomposition of organic materials and persistent materials
- Effective to make quality compost
- Increases flowering and sugar content of fruits
- Improves water quality in the pond
- Reduces sludge in the pond and controls disease in the aquaculture



## EMRO MALAYSIA SDN. BHD.

