## Biofertilizer and Biopesticides: Manufacturing Process and Quality Control at GTA

Growers Support the World and Our Microbes Support Their Crops

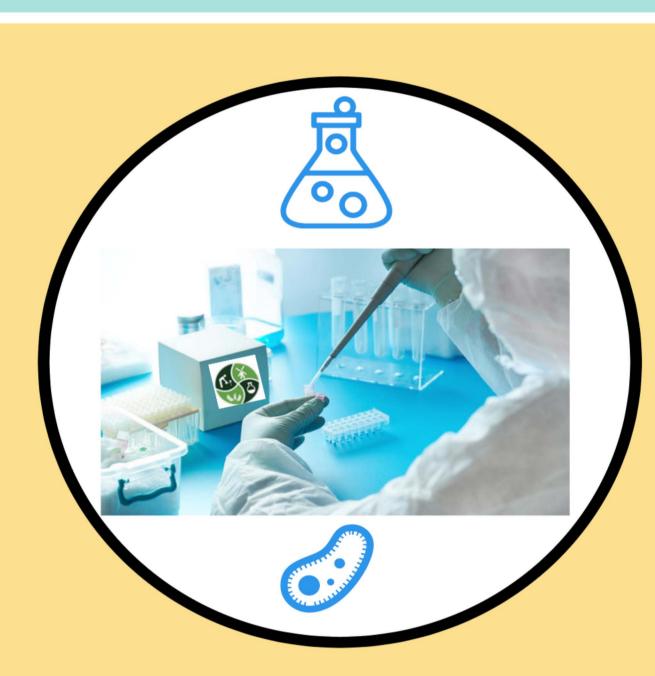


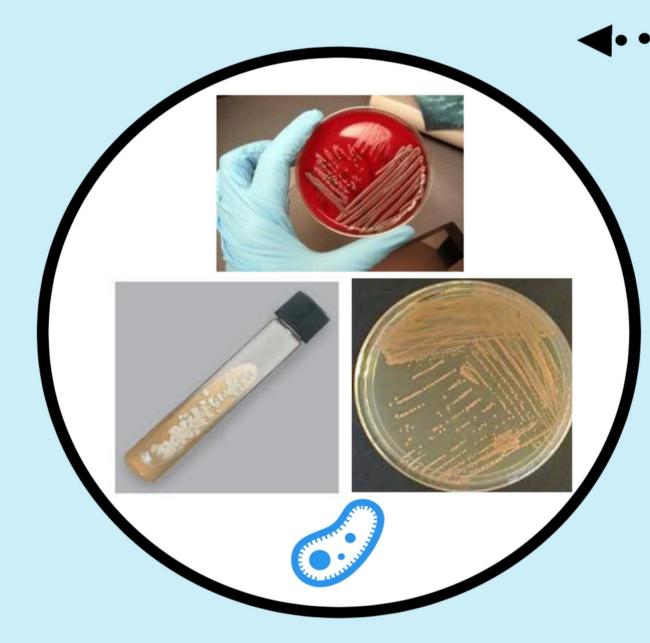
#### Customized Microorganisms

GTA uses efficient strains of CUSTOMIZED NATIVE MICRO-ORGANISMS for the formulation of biofertilizers which are known to have safe biocidal effects.

### GTA's Laboratory

GTA has a specialized microbiology/biochemistry laboratory setup with advanced scientific instruments and equipments.





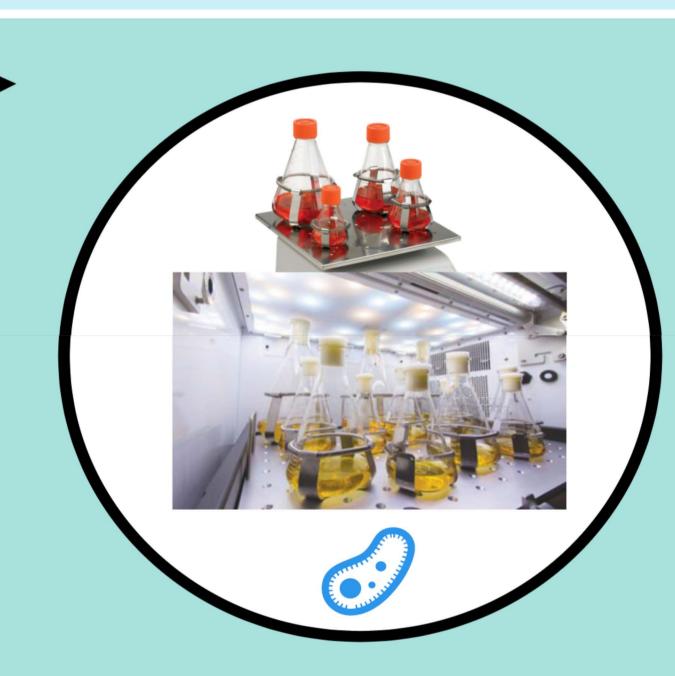
#### Preparation of Starter Culture

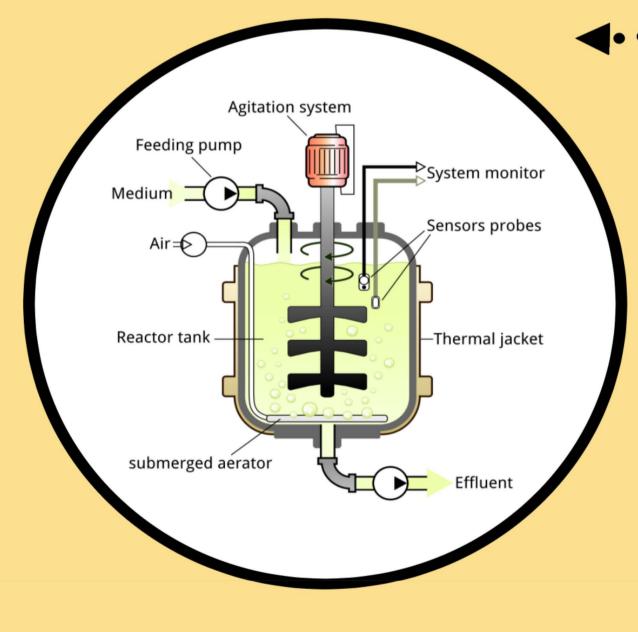
The pure culture of efficient customized strain of microorganisms is grown on respective agar medium slant/plate.

Starter culture quality check

#### Preparation of Broth

Preparation of Broth in small flasks Preparation of Broth in Large flasks Broth Culture Quality Check





#### Fermentation Process

Mass multiplication of microorganisms is achieved through a batch fermentation process. GTA has an advanced, state-of-the-art fermenter facility for small-scale and large-scale production.

**Broth Quality Check** 

#### Formulation and Storage

Formulation is carried out in a sterile preparation room. Formulation and packing are done with care to prevent contamination.

Formulation Quality Check



# GTSA EEN TERRA ALLIANCE DELIVERING REAL VALUE

#### Quality Check

At GTA, quality check done at the different stages of laboratory and production process. The purity and viable cell count in the final product are maintained as per the specified standard to provide best bioproducts to the Growers of Canada.