

# 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 .

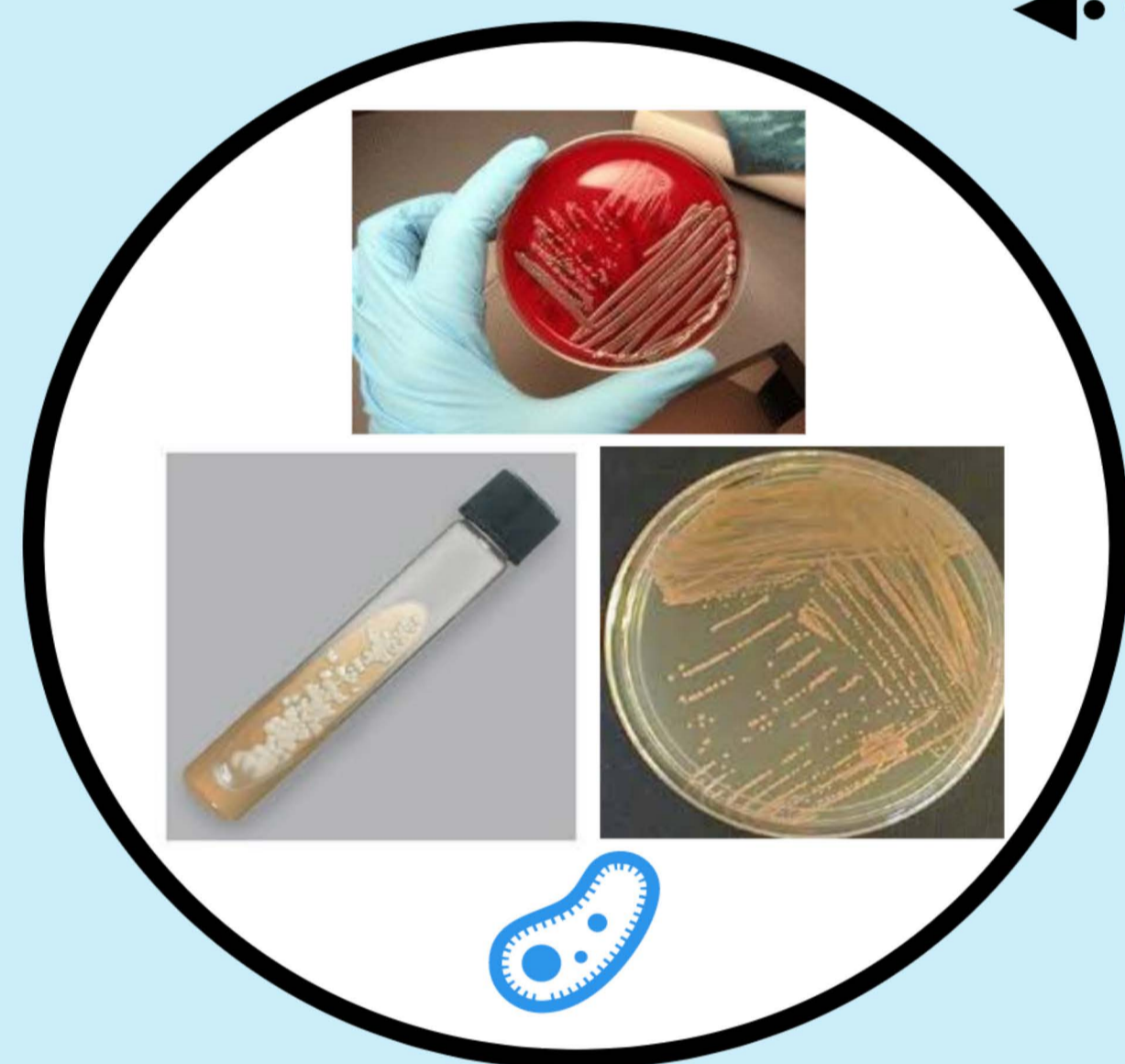
## GTA's Laboratory

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**



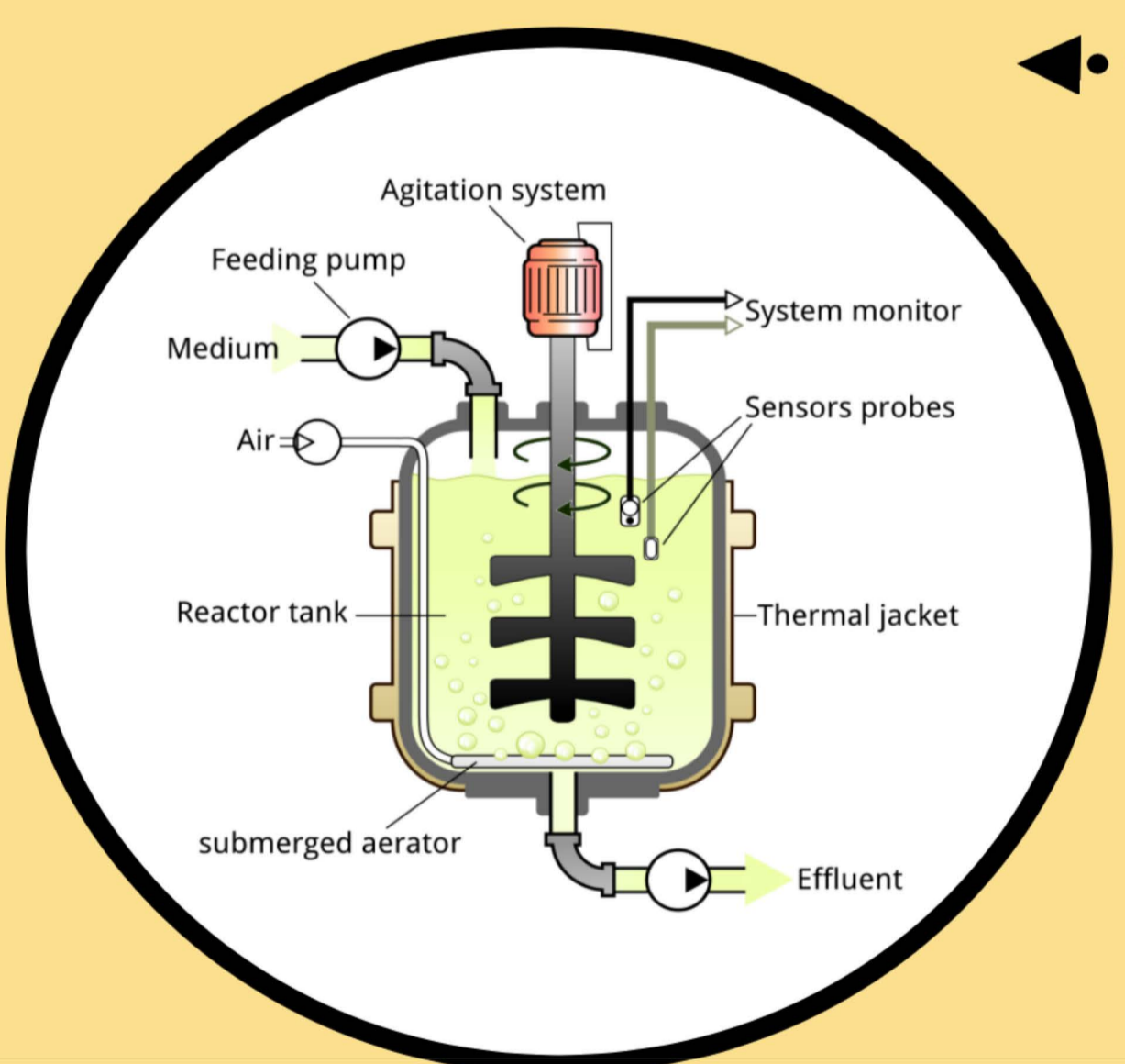
## Preparation of Broth

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**



## Quality Check