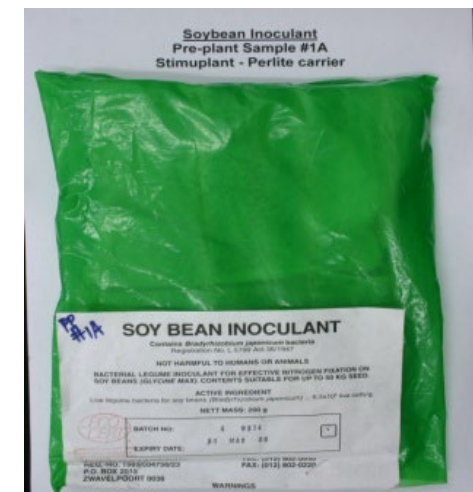


ARC-PHP BIOLOGICAL NITROGEN FIXATION UNIT



WILL HOST A TRAINING COURSE ON

Basic Principles of Biological Nitrogen Fixation in Legumes

Date:

25-27 July 2023

Venue:

BNF unit, ARC-PHP,
Roodeplaas East,
Pretoria

Fee:

R 4,000 per person
(includes lunch &
beverages)

For more information please
contact Dr Ahmed Hassen at
HassenA@arc.agric.za

THE COURSE CONTENT

1. Methods in Rhizobium Technology

- The Rhizobia
- Biological Nitrogen Fixation
- Nodulation

2. Handling of Rhizobia in the Laboratory

- Rhizobia culture media & preparations
- Preservation of rhizobia

3. Legume Inoculants Quality Control Tests

- Serial Dilution Techniques & Rhizobia Counts
- pH Determination & Contaminant detection

4. Inoculation with Rhizobia for N- fixation

- Seed Treatment with Rhizobia
- Nodulation Assessments