



BIOLOGICAL ACTIVE INGREDIENTS FROM OUR LABS TO YOUR FIELDS

Backed by more than 30 years of expertise in biological active ingredients, Premier Tech masters a unique large-scale manufacturing process that meets the highest quality control levels, allowing you to fully benefit from the highly effective inoculants of the AGTIV® agricultural product line.

RHIZOBIUM

Active Ingredients: **R** RHIZOBIAL INOCULUM – Technologies: GHA160 (pulses), GHA162 (soybean)
Rhizobium leguminosarum biovar *viceae*, *Bradyrhizobium japonicum*

Production: Premier Tech's rhizobia technologies include a specific production process in a sterilized environment as well as a highly-efficient quality control process for superior inoculum.

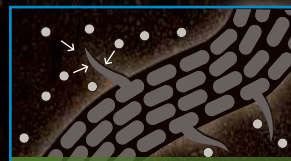
Mode of Action: The rhizobium allows the formation of nodules on the roots to increase nitrogen absorption.



1 Formulation



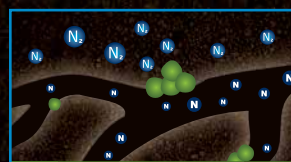
2 Application



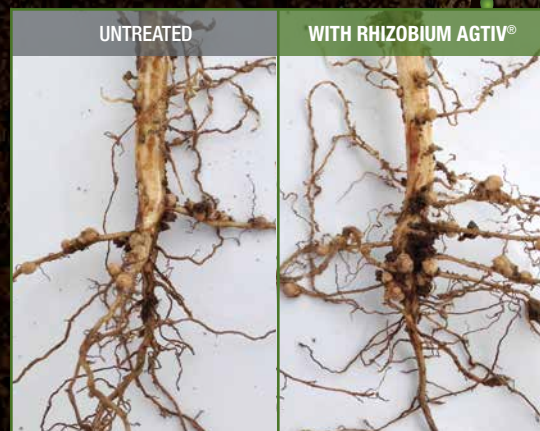
3 Root-Hair Recognition



4 Nodulation Process



5 Nitrogen Fixation



FIXES NITROGEN AND MAKES IT AVAILABLE TO THE PLANT



MYCORRHIZAE

Active Ingredient: **M** ENDOMYCORRHIZAL INOCULUM – GHA297 Technology
Glomus intraradices

Production: An exclusive aseptic production process developed by Premier Tech using standards of the high-technology industry to obtain viable mycorrhizal spores of a consistent high quality.

Mode of Action: The mycorrhizae develop an intra and extra-radical network of filaments that will explore the soil to access more nutrients and water, and transfer them to the plant.

ENHANCE NUTRIENT AND WATER UPTAKE



INCREASE TOLERANCE TO STRESSES



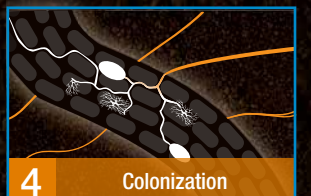
EXPAND ROOT SYSTEM GROWTH



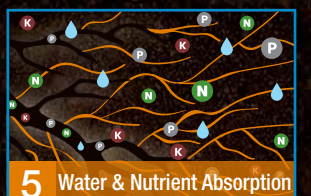
IMPROVE SOIL STRUCTURE



3 Germination & Exploration



4 Colonization



5 Water & Nutrient Absorption



LEGEND

