### LIQUID SOYBEAN INOCULAN



### **CHARACTERISTICS**

**Active Ingredient** 1 x 10<sup>10</sup> *Bradyrhizobium elkanii* per ml 2 x 10<sup>7</sup> *Delftia acidovorans* per ml

#### Package Size

- x 400 unit case
- 1 x 100 unit case

#### Easy to Use Formulation

- One package
- Limited tackiness/bridging

Always read and follow label instructions

# **MULTI-ACTION LIQUID INOCULANT FOR SOYBEANS**

LALFIX® PROYIELD Liquid Soybean is a leading liquid inoculant containing Bradyrhizobium elkanii and Delftia acidovorans. Lallemand Plant Care utilizes two unique strains of Bradyrhizobium elkanii to bring soybean growers an innovative inoculant with higher rhizobia survival and competitiveness. In addition, Delftia acidovorans increases root growth, nutrient and water uptake - ultimately leading to enhanced nodulation and nitrogen fixation, early vigor and higher soybean yields. In partnerships with university research extensions, Delftia acidovorans is known to produce a significant amount of chaperone molecules that help solubilize iron for soybean availability.



## **ON-SEED APPLICATION RATE**

0.75 fl oz (22.2ml) per 140,000 seeds OR 1.5 fl oz per 100 lbs of seed (44.4 ml per 45.4 kg)

### **ADVANTAGES**

### Bradyrhizobium elkanii

- More N fixation through utilization of nitrogenase enzyme compared to competitor rhizobia.
- · Robust, early nodulation dispersed over the crown and lateral roots compared to competitive inoculants.

### Delftia acidovorans

- Stimulates intricacy of root system allowing for increased nodule formation.
- Aggressively colonizes roots and outcompetes other soil bacteria and fungi.
- · Solubilizes iron through siderophore production.
- · Makes more sulfur available to the plant.





**Microbial By Nature** 

www.lallemandplantcare.com





\*Red color intensity correlates to nitrogen from nodules.

#### About Lallemand Plant Care

Since the beginning of the 20th Century, LALLEMAND has been an expert in yeast and bacteria manufacturing. The family-owned company is now a global leader in the development, production, and marketing of microorganisms for various agri-food industries. Using sound science and know-how, LALLEMAND PLANT CARE (LPC) works closely with clients to deliver the right technology, in the right formulation, for the right application. LPC is committed to solving grower challenges, significantly improving yield and crop vitality.



www.lallemandplantcare.com

## LALLEMAND LALLEMAND PLANT CARE