



Terrasym™

Pink-Pigmented Facultative Methylobacter (PPFM)

- As broad plant colonizers, PPFMs spread from the seed surface across a plant's roots and leaves
- Secretes beneficial molecules into the root zone that can bind and transport yield enabling micronutrients
- Improves nutrient uptake by populating plant roots which promotes higher numbers of root tips and overall root mass
- Prolonged PPFM colonization and increased nutrient uptake result in increased chlorophyll content and enhanced photosynthetic efficiency, both of which translate to increases in yield
- PPFMs are one of the few known microbes to have no known strains that impact plants negatively

Terrasym 450

- A uniquely selected PPFM developed to fit corn production
- Works all season long, providing added resistance to abiotic stress and improving plant performance
- Corn plants show increases of +6.2% in total root area, +5.2% in total rooting depth and +9.0% increase in nodal root length compared to grower standard practice in on-farm trials
- Improves nutrient uptake, making your corn crop stronger, more stable up until the day it's harvested
- Produce siderophores, which increase plant uptake of iron (+18%), manganese (+13%) and other important nutrients

Terrasym 401

- Specific PPFM developed to fit legume production
- Produces siderophores, which increase plant uptake of iron, manganese and other important nutrients
- Colonizes roots with microbes that improve nutrient uptake
- Season long stress resistance providing more stable and tolerant plants
- In large-scale on-farm trials, they showed a 19.4% increase in leaf tissue iron and 21.5% increase in leaf tissue manganese
- Demonstrated the highest return on investment in three years of third-party testing under conditions of iron deficiency chlorosis (IDC)