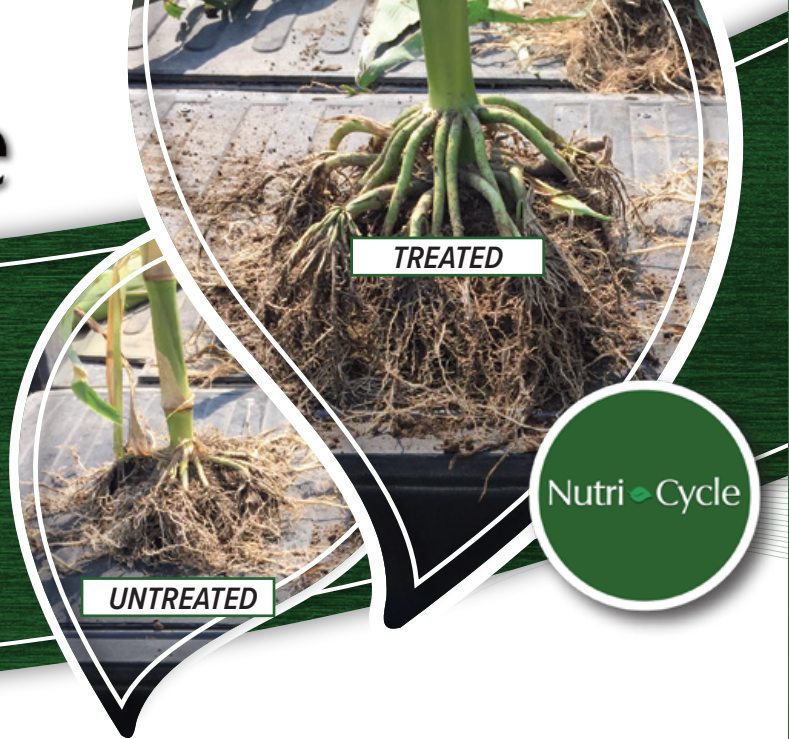


## IMPROVING NUTRIENT UPTAKE & SOIL HEALTH

THE BIOLOGICAL FOUNDATION OF CROP PRODUCTION



### WHAT IS NUTRI-CYCLE?

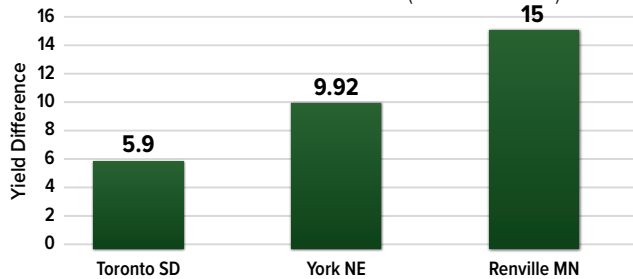
**NUTRI-CYCLE** is a proven foundational product in the Hefty Naturals product line. This unique consortium of bacteria has been specifically selected for its ability to solubilize soil-bound minerals across a wide range of soil temperatures and pH conditions, as well as fix nitrogen. This biology consistently improves nutrient uptake, helps reconstitute soil health, and activates soil activity at 38° F.

### COMPONENTS:

A diverse consortium of micro-organisms designed to increase crop yields.

### Nutri-Cycle IF Independent Trials 2024 Corn

Yield Difference from Check (Bushels/Acre)



### BENEFITS FOR YOUR FARM:

**NUTRI-CYCLE** is a key component of an in-furrow or foliar treatment plan.

- Provides phosphate and potassium solubilization across a pH range of 4.0 to 9.0.
- Dramatically increases the size and penetration of root systems, providing access to nutrients and water in the soil.
- Increases hydraulic conductance in plant vascular tissue and absorption of nutrients in roots.
- Increases water use efficiency by over 80% in periods of moderate drought.
- These strains are capable of high enzyme production, phosphate solubilization, and growth in high salt at slightly above freezing temperatures.
- Cytokinin and siderophore production.
- Stable, concentrated spore-forming bacteria.
- Delivered in spore form for extended viability in the bag and on the seed.
- Strains begin to activate in solution within hours.

### APPLICATION GUIDELINES:

- Apply a single 55-gram bag to 40 acres in all cropping systems.
- Compatible with pop-up fertilizers for in-furrow use.
- If using water as a carrier, use Water-Rite and Bio-Prep to protect Nutri-Cycle.