

IMPROVE NUTRIENT UPTAKE, ROOT DEVELOPMENT & YIELD

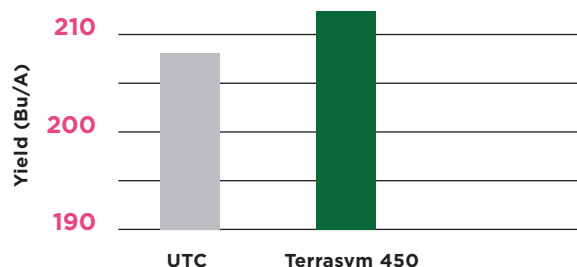
NewLeaf Symbiotics[®] proprietary technology, Terrasym[®], contains pink pigmented facultative methylotrophs (PPFMs) and is available for convenient planter box application and as an overseed treatment. **Terrasym 450 for Corn** is a microbial inoculant that has been proven to consistently deliver improved nutrient uptake leading to robust early season root development, enhanced tolerance of abiotic stress throughout the growing season, and higher yields at harvest.

PRODUCT BENEFITS

- Contains a unique strain of **beneficial microbes called PPFMs**, specially selected for use in corn.
- Harnesses PPFMs' natural partnerships with their plant hosts making **crops more tolerant of abiotic stress** while enhancing stability of performance, from planting through harvest.
- Shows improved development of **corn root area by +6.7%** and increased nodal root length by +9.6%, which in turn **enhances nutrient acquisition.****
- Enhances nutrient uptake, showing improved leaf tissue nutrient concentration with a **+17.5% increase in iron** and **+12.6% increase in manganese** over an untreated control.
- PPFM microbes **consume methanol**, which can lower the energy cost for the plant to host them as symbionts.
- Features broad compatibility with 90 days on-seed stability when applied as a planter box application and 60 days when applied as overseed treatment. Compatible with all common seed lubricants and all planter types.

*Source: 2020 IN10T FarmerTrials data; **Source: Combination data set from 2020 IN10T Farmer Trials & 2021 Ag Ingenuity Partner Trials; All untreated checks and PPFM treatments have base fungicide and insecticide application.

IN-FIELD PERFORMANCE*



*Source: 202 IN10T FarmerTrials; All untreated checks and PPFM treatments have base fungicide and insecticide application.

+4.5 Bu/A
average
advantage

80%
win rate

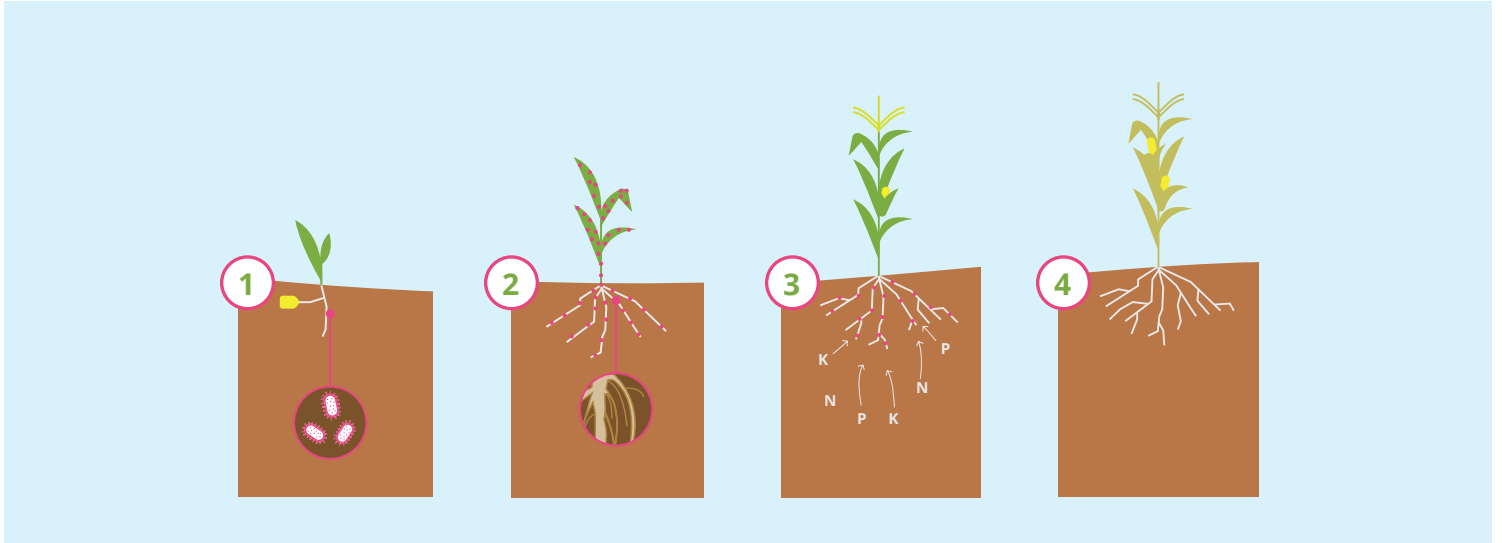
20
total
trials

20
unique
locations

For more trial data and product label information, visit NewLeafSym.com

HOW DOES TERRASYM FOR CORN WORK?

Terrasym products contain specially selected beneficial microbes called pink pigmented facultative methylotrophs (PPFMs). PPFMs establish a natural, permanent partnership with plants offering season-long benefits from planting through harvest.



1. As broad plant colonizers, PPFMs spread from the seed surface across a plant's roots and leaves.
2. PPFMs improve nutrient uptake by populating plant roots which promotes higher numbers of root tips and overall root mass in turn enhancing nutrient acquisition.
3. They also secrete beneficial molecules into the root zone that can bind and transport yield-enabling micronutrients.
4. Prolonged PPFM colonization and increased nutrient uptake result in increased chlorophyll content and enhanced photosynthetic efficiency, both of which translate to increases in yield.

TERRASYM 450 FOR CORN + TALC USA 80/20 (TALC/GRAPHITE)

PRODUCT NUMBER

450-4-470-TG

USE RATE/APPLICATION

0.125 oz of Terrasym 450 per unit of corn (at 80,000 population). Mix Terrasym with Talc + Graphite, then apply

CASE SIZE

(4) 50-unit corn CoPacks per case

Each CoPack case treats 200 units or 470 acres at 34,000 population

PACK SIZE

1 CoPack jug treats 50 units of corn or 117.5 acres at 34,000 population



Visit NewLeafSym.com
to learn more and order
online.

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NewLeaf Symbiotics

Performance may vary from location to location and from year to year as local soil, climate and/or other conditions change. Always read and follow label directions. Check state registration to make sure product is registered in your state. NewLeaf Symbiotics® and Terrasym® are both registered trademarks.