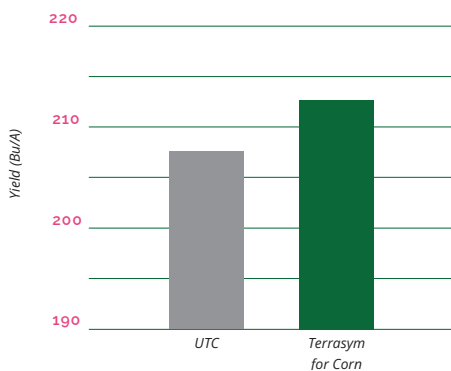




## IN-FIELD PERFORMANCE



<b>+4.5 BU/A</b> average yield advantage*	<b>80%</b> win rate*	<b>20</b> total large-scale trials, across 20 unique locations*
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Source: 2020 IN10T FarmerTrials®; All untreated checks and PPFM treatments have base fungicide and insecticide application

## For Use On: Corn

**Terrasym® 450 + DUST™ for corn** is designed to improve seed lubrication and seed flow during planting and 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.

### BENEFITS

- Terrasym® 450 contains a unique strain of beneficial microbes called pink pigmented facultative methylophilic (PPFMs), specially selected for use in corn.
- Flow properties equal to or better than existing offerings.
- Reduces overall dustiness and residue transfer to skin and clothing.
- Insecticide-free and carcinogen-free, reducing health risks of the farmer and environment.
- Proven to reduce static and to be up to 20 times less abrasive to seed than Talc.\*
- 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 (a waste byproduct in plants), which can lower the energy cost for the plant to host them as symbionts.
- Features broad compatibility with 120 days on-seed stability when applied as a planter box application.
- DUST™ product is supported by the United Soybean Board and made from 100% U.S. soybeans with the support of farmers' Soy Check-Off Dollars.



### APPLICATION RATES

- **PLANTER BOX:** 0.5 oz. of Terrasym 450 + DUST™ per unit of corn (@80K)
- **PACKAGING:**

Quantity of 4 individual 50-unit corn packets per case\*

\*Each case treats 200 units or 470 acres @ 34K population

### ACTIVE INGREDIENTS

- Microbial content 2%
- Methylobacterium gregans .....1 x 10<sup>9</sup> cfu/g
- Inert ingredients 98%

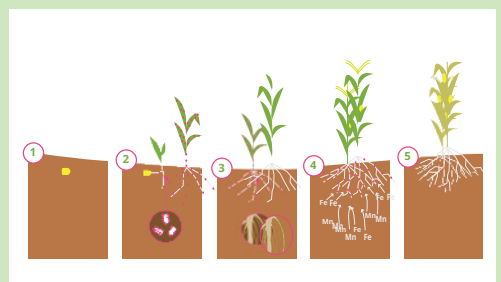


SCAN THE QR CODE FOR ADDITIONAL INSTRUCTIONS

SOURCE INFORMATION: \*SGS Labs Study \*\*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. \*\*\* 2020 IN10T FarmerTrials data

## HOW DOES TERRASYM® 450 + DUST™ WORK?

1. DUST™ provides seed lubrication and seed flow aid at planting ensuring seed passes through the planter and is placed into the ground as the farmer intends.
2. As broad, season-long plant colonizers, PPFMs spread from the seed surface across a plant's roots and leaves.
3. PPFMs improve nutrient uptake by populating plant roots, which promotes higher numbers of root tips and overall root mass in turn enhancing nutrient acquisition.
4. They also secrete beneficial molecules into the root zone that can bind and transport yield-enabling micronutrients.
5. PPFM colonization throughout the growing season and increased nutrient uptake result in increased chlorophyll content and enhanced photosynthetic efficiency, both of which contribute to increases in yield.



\* Read and follow all labeled instructions