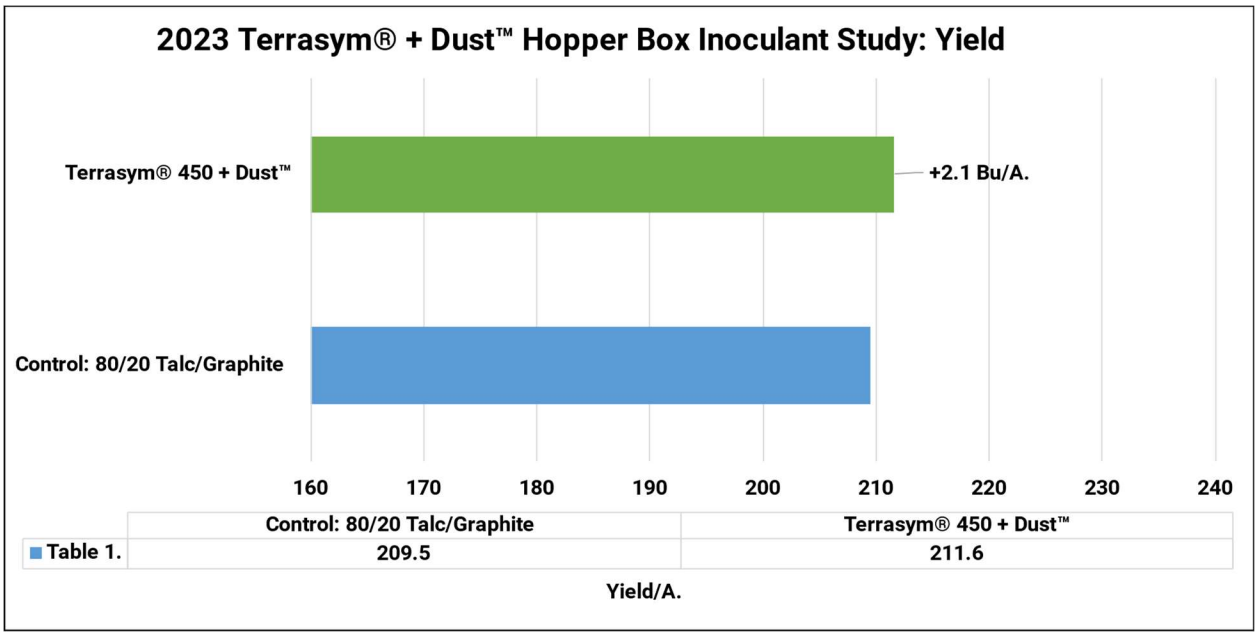
Terrasym® 450 + Dust™ Hopper Box Study

Objective: To evaluate the use of Terrasym® 450, a unique strain of beneficial microbes called pink pigmented facultative methylotrophs (PPFMs), specially selected for use in corn.

NewLeaf Symbiotics® and Low Mu Tech™ have combined proprietary Terrasym® microbial technology with a micro-plastic free, patented DUST™ seed flow lubricant. 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.

Results: Hopper box treatments of Terrasym® 450 + Dust™ resulted in yield gains of +2.1 Bu/A. over standard 80/20 talc graphite applications. At a $5.31 corn commodity price and a product cost of $6.00/A., economics netted +$5.30/A. 2022-2023 data averages +1.41 Bu/A. yield increase with net returns of +$2.65/A.



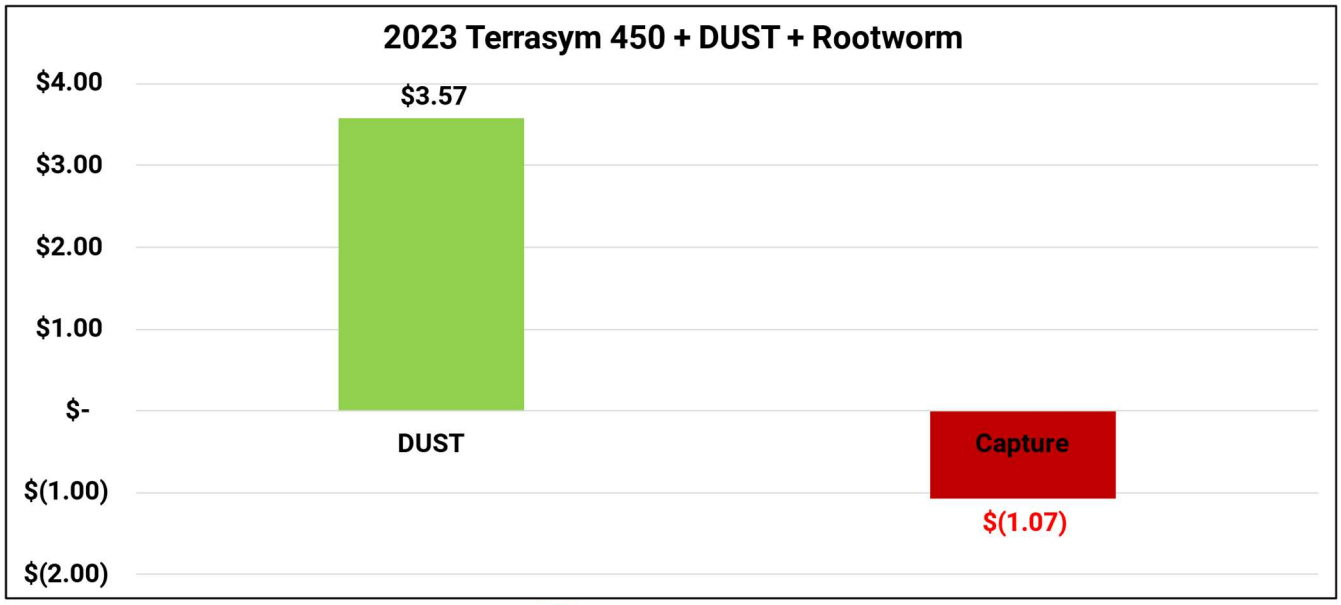
Planting Date: May 15th *Hybrid: DKC 59-82VTDoublePro* *Population: 36K* *Row Width: 30"* *Rotation: CAB* *Corn Price: $5.31*
Terrasym 450+Dust: $6/A

Terrasym®450 + Dust™ + CRW Mitigation Hopper Box Study

Objective: To evaluate the use of Terrasym® 450 + Dust™ + TS210™ (CRW Mitigation BioPesticide) compared to a traditional insecticide treatment. TS210 triggers the plants' defenses when it's applied to the seed in turn has a decrease in Corn Rootworm larva root feeding. When there is root damage due to feeding TS210 helps increase root regrowth.

Terrasym® 450 + Dust™ + TS210 combined help to improve seed lubrication and seed flow during planting and deliver improved nutrient uptake leading to robust early season root development, protect against Corn Rootworm larva feeding and increase root regrowth, enhanced tolerance of abiotic stress throughout the growing season, and higher yields at harvest.

Results: Hopper box treatments of Terrasym®450 + Dust™+ TS210 resulted in yield gains of +3.45 Bu/A. over the control applications. At a $5.31 corn commodity price and a product cost of $14.75/A., economics netted +$3.57/A. where a traditional insecticide treatment was used it resulted in a net loss of **-$1.07/A.**



Planting Date: May 15th *Hybrid: DKC 59-82VTDoublePro* *Population: 36K* *Row Width: 30"* *Rotation: CAB*
Corn Price: $5.31 *Terrasym450+Dust+ TS210: $14.75/A* *Capture: $18.06/A.*