



RESULTS FROM THE FIELD



SEED LIFE ARMOR PRODUCTS



SeedLife
Armor-C
PLANTER BOX TREATMENT

SeedLife
Armor-SB
PLANTER BOX TREATMENT

POWERED BY

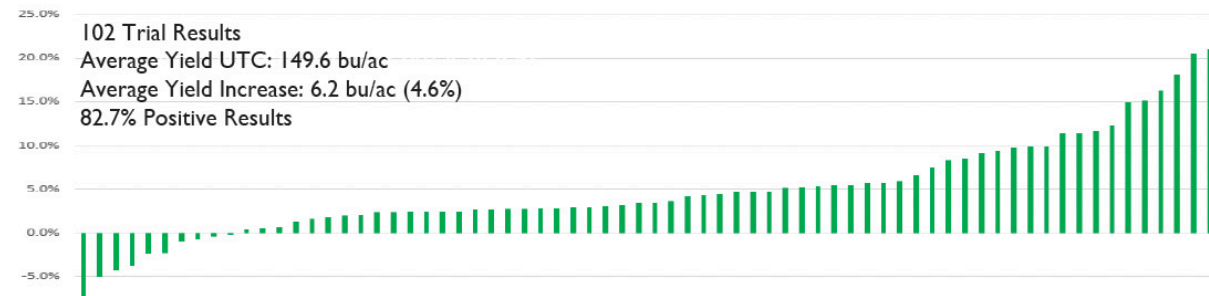


NUTRIENT & MICROBIAL PLANTER BOX DELIVERY SYSTEM

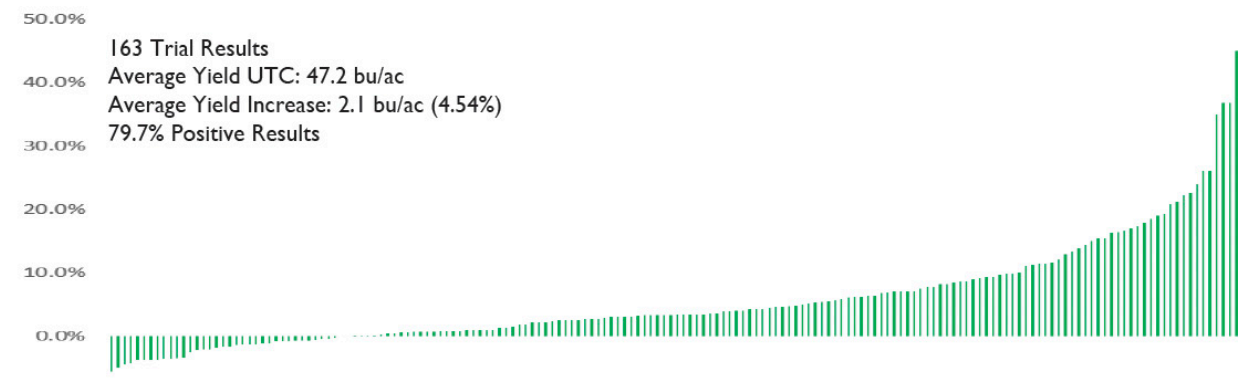
BIO-CAPSULE™ technology: the first tool to deliver biologicals safely to the furrow.

CARBON TECHNOLOGY HAS BEEN VALIDATED AT PLANTING - REPLICATED TRIALS

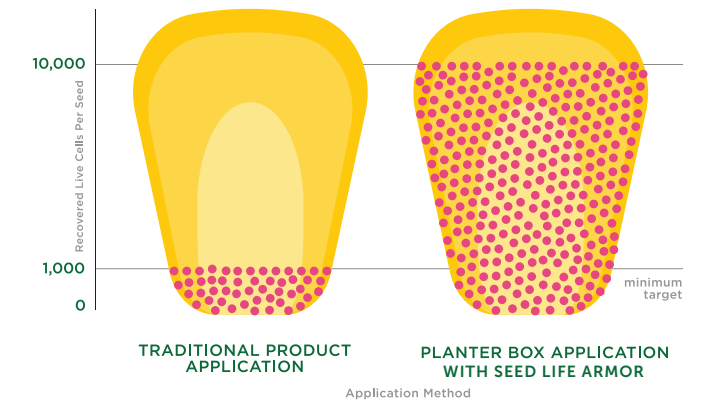
AT PLANTING - CORN TRIALS



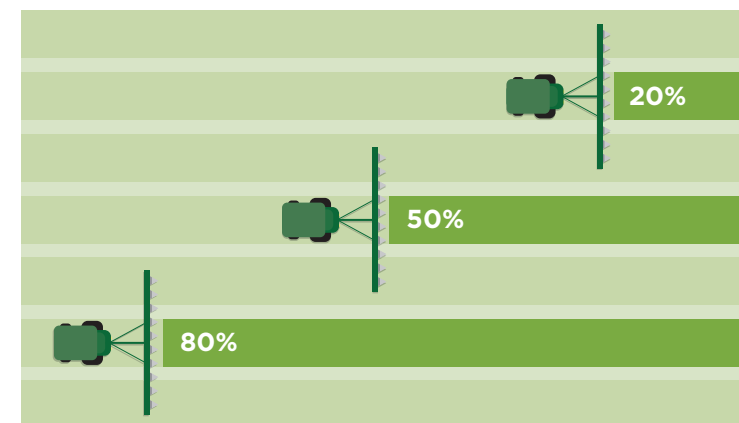
AT PLANTING - SOYBEAN TRIALS



To confirm even product distribution, seed lubricant plus Terrasym® biological was applied per grower standard practice and then AIP agronomists collected seed samples at a variety of progress points as trials were being planted. Seed samples were taken at 20%, 50%, and 80% planted and then sent to NewLeaf Symbiotics scientists to confirm the living microbes found in Terrasym® products were being evenly distributed across large-scale commercial fields.



PLANTING PROCESS



OVER 10,000 LIVE CELLS PER SEED AT EACH STAGE OF PLANTING

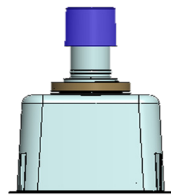
LIVE CELLS PER SEED WITH TERRASYM FOR CORN	LIVE CELLS PER SEED WITH TERRASYM FOR SOYBEAN
20% planted = 40,228	20% planted = 39,914
50% planted = 37,735	50% planted = 38,312
80% planted = 40,212	80% planted = 38,591

SEEDLIFELLC.COM | 217-691-8545

BIO-CAPSULE™ BENEFITS

The SEED LIFE ARMOR portfolio is powered by BIO-CAPSULE TECHNOLOGY™ - a patented delivery system that helps farmers save time, labor and fuel. The BIO-CAPSULE™ carrier system allows for the addition of multiple biological solutions safely packaged for convenient deployment at planting.

WITHIN THE BIO-CAPSULE™



Azotobacter chroococcum	Free-living Nitrogen fixing bacteria that can contribute significantly to plant nutrition and growth. Bacteria in this genus also can synthesize natural plant hormones and can stimulate microbes in the rhizosphere.
Azotobacter vinelandii	Nitrogen fixing bacteria which can take up nitrogen from air. Azotobacter species can convert atmospheric nitrogen to ammonia.
Trichoderma harzianum	Fungal microorganism well known for its positive association with plant roots supporting plant health by improving root architecture and positively influencing plant nutrient uptake.
Bacillus amyloliquefaciens	Grows with plant roots and forms a long-lasting active biofilm on fine root hairs resulting in an excellent bio-fertilizer that can activate soil nutrients by changing the forms of soil elements.
Bacillus subtilis	Grows with plant roots and forms a long-lasting active biofilm on fine root hairs resulting in an excellent bio-fertilizer that can activate soil nutrients by changing the forms of soil elements.
Bacillus licheniformis	Solubilizes soil phosphorous and enhance nitrogen utilization, as well as promotes plant growth.
Bacillus pumilus	Enhances plant-boron uptake by nutrient availability in the soil and has been documented to increase nitrogen uptake in plants.
Bacillus megaterium	Resilient bacterium that is known to produce phosphate-fixing and potassium-fixing fertilizers.
Terrasym® Methylobacterium gregans	A proven, industry-leading bio stimulant PPFM strain that generates massive root structures.
Active Carbon Technology	Promotes strong stand and emergence vigor while enhancing the plant's ability to manage season-long stressors and optimize genetic potential.

SEED LIFE ARMOR C

6.25 oz Terrasym®
Proven, Industry-Leading Bio Stimulant PPFM strains that generate massive root structures.

Industry-Leading Bio-Fertility & N-Fixing Microbes
Azotobacter chroococcum
Azotobacter vinelandii
Bacillus amyloliquefaciens
Bacillus licheniformis
Bacillus megaterium
Bacillus pumilus
Bacillus subtilis
Trichoderma harzianum
CFU count 46 billion

18% Active Carbon
Feeds and energizes microbial communities while increasing plant respiration and function

80/20 Talc/Graphite + Mn & Fe

NEW: 1.35 lbs IONLOCK™ Zinc

SEED LIFE ARMOR SB

18% Active Carbon
Feeds and energizes microbial communities while increasing plant respiration and function

NEW: Industry-Leading Bio-Fertility & N-Fixing Microbes
Azospirillum brasilense
Azospirillum lipoferum
Azotobacter chroococcum
Azotobacter vinelandii
Thibacillus Ferrooxidans
Paenbacillus Azotofixans
Bacillus amyloliquefaciens
Bacillus licheniformis
Bacillus megaterium
Bacillus pumilus
Bacillus subtilis
Trichoderma harzianum
CFU count 38 billion

5 oz Terrasym®
Proven, Industry-Leading Bio Stimulant PPFM strains that generate massive root structures.

80/20 Talc/Graphite + Mn & Fe

NEW: 0.43 lbs IONLOCK™ Zinc