

**★ REDSTAR**



**BREAKDOWN** (7-0-0-15)

**POWERED BY**  
**BioPHY<sup>NEX</sup>**

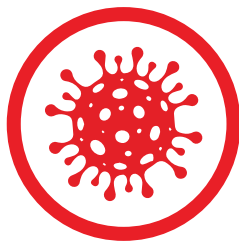
## HELP IMPROVE YOUR SPRING RESIDUE MANAGEMENT

BREAKDOWN is expertly formulated to accelerate the decomposition of corn stalks and other heavy residues after harvest, releasing vital nutrients back into the soil. Cooler fall temperatures can slow down the natural breakdown process, which is why BREAKDOWN combines Ammonium Thiosulfate (ATS) with three natural carbon sources to stimulate microbial activity, even in cooler soil conditions. This increased microbial action ensures that valuable nutrients are efficiently released back into the soil, enhancing soil health and fertility.

BREAKDOWN also maximizes nitrogen utilization and plant assimilation while minimizing nitrate loss during the nitrification process. By promoting faster residue decomposition, BREAKDOWN improves spring residue management, setting the stage for healthier crops and higher yields in the next growing season.

### BENEFITS

- < Designed specifically to decompose crop residue, which can cause nutrient tie up or affect planting stand quality.
- < Stimulates biological activity to improve soil health and release of all nutrients back to your crop.
- < Provides three different carbon sources to help stimulate biological activity and breakdown complex crop residues.
- < Helps improve residue management and nutrient utilization to your new growing crop next Spring and Summer.
- < Enhances residue management and nutrient utilization by maintaining a balanced population of beneficial bacteria and fungi.



Breaks down crop residue to increase planter efficiency.



Unlocks nutrients in your crop residue, recycling your fertilizer investment.



Increases soil contribution by discharging organic material and building the soil microbiome.

For more information regarding BREAKDOWN or other REDSTAR BRANDED products please visit

**REDSTARNE.COM / 844.502.9368**

**★ REDSTAR**  
BRANDED

# BREAKDOWN VS COMPETITOR

## FUNGAL COLONIES



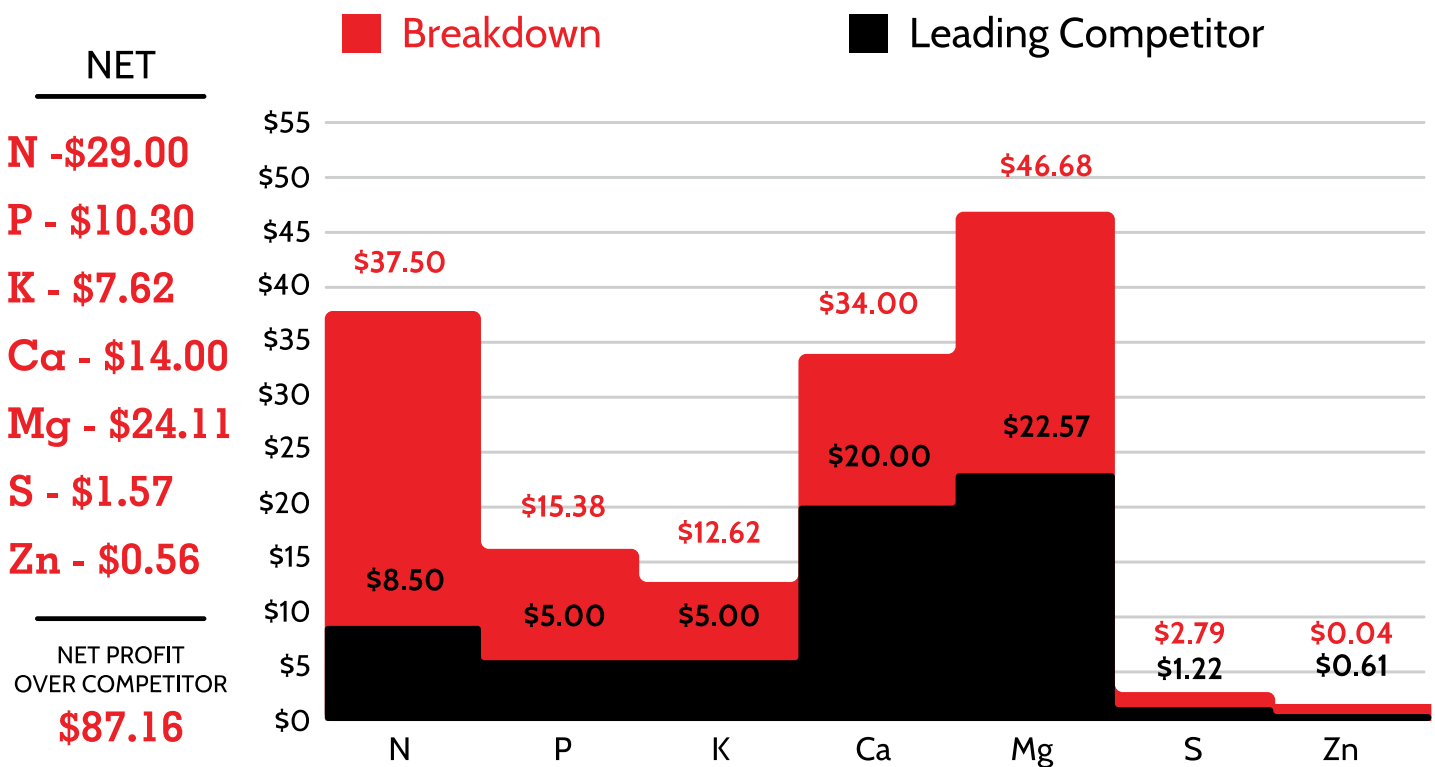
BREAKDOWN WITH WATER



COMPETITOR WITH WATER

In our Redstar RX test plots, we looked at the difference in the amount of residue and nutrients tied up in the residue with prominent residue degrader products. While visual representation is great, we measured all of the trials residue to get hard numbers.

In the trial, Breakdown performed exceptionally well. All values are represented on a per acre basis. Breakdown digested 2.26 tons more residue than the Leading Competitor. BREAKDOWN released 47% more carbon, 58 pounds more nitrogen, 14 pounds more phosphorus, 18.3 pounds more potassium and 15.1 pounds more of Calcium compared to the leading competitor. BREAKDOWN released \$87.16 / acre more fertilizer back to your soil versus the market leading stalk digester.



Samples conducted by Regen Ag Lab in Pleasanton, Nebraska