

PROTINUS™

SEED NUTRITION PRODUCT



Get your soybean crop off to a healthy start with PROTINUS Seed Nutrition Product

Getting your soybean crop off to a good, healthy start is critical to its long-term performance and yield potential. PROTINUS™ Seed Nutrition Product is a unique seed applied technology formulated to promote early seed nutrition, and is proven to enhance the yield potential of soybeans.



Early plant health delivers improved seedling growth

Faster early season growth of soybean crops ensures better establishment and more vigorous seedlings, setting you up for optimum yield potential. PROTINUS applied to soybean seed improves early growth, resulting in larger, more vigorous seedlings.

Impact of PROTINUS on Early Seedling Growth in Soybeans (% of check)

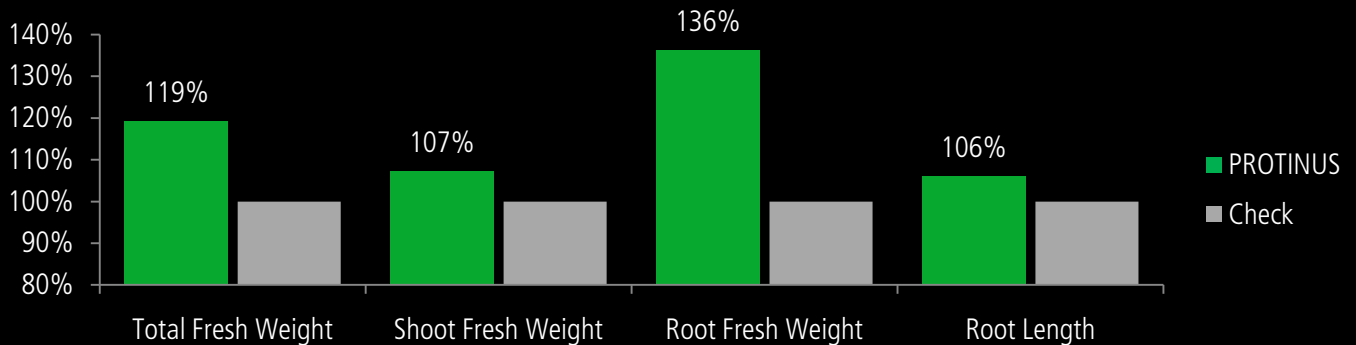
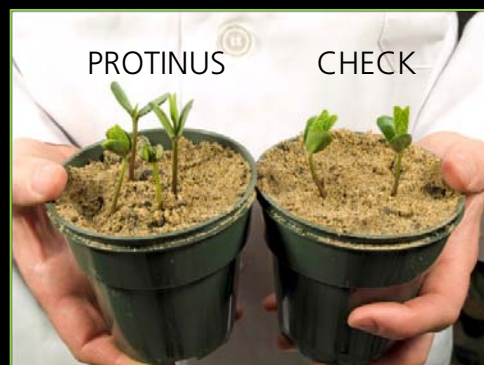


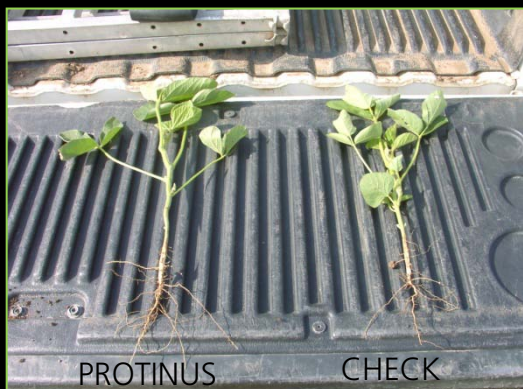
Figure 1: PROTINUS treated soybean seed exhibited greater total fresh weight, shoot fresh weight, root fresh weight and root length compared to the check. Results from 110 comparisons were compiled.



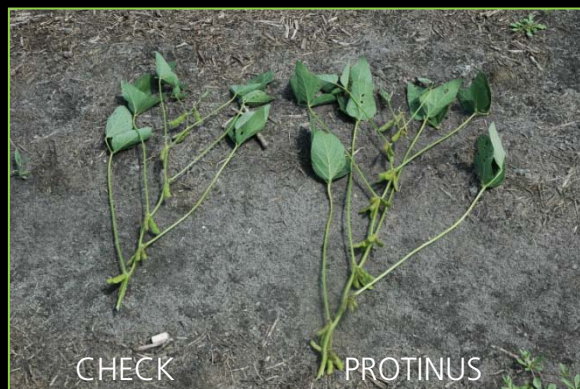
Picture 1: PROTINUS treated soybean seed emerged 1 – 2 days earlier and more evenly than the check.

Better performance under challenging conditions

Early-season growing conditions can be challenging for a young, vulnerable seedling. Enhanced early nutrition from PROTINUS helps to increase plant growth, even under challenging conditions. In field trials from 2009, where spring growing conditions were cool and wet, PROTINUS treated soybeans outperformed the check. These benefits were observed well into the growing season, and resulted in higher yielding soybean stands.



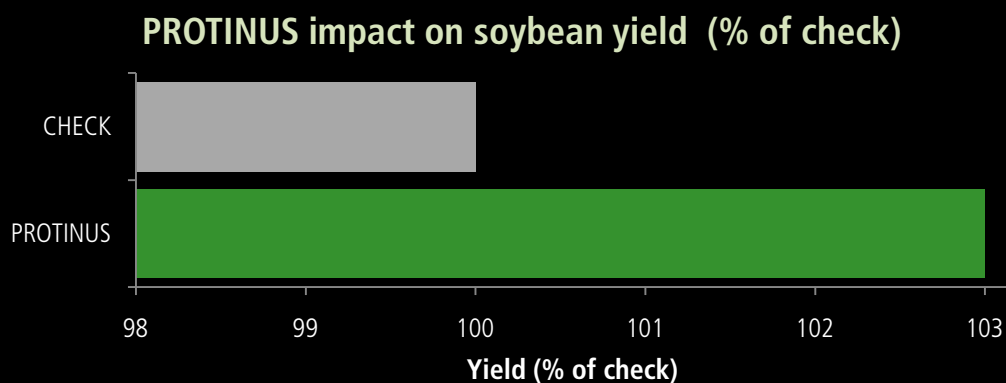
Picture 1: PROTINUS treated seed (left) resulted in a larger plant with a more developed root system compared to the check. Field trials, Nebraska 2009.



Picture 2: PROTINUS treated seed (right) resulted in a larger plant with more pods compared to the check. Field trials, North Carolina 2009.

Improved yields

Getting your soybean crop off to a healthy start can help to increase yield potential. Independent studies evaluating PROTINUS on a range of soybean varieties and growing conditions show that on average, seed treated with PROTINUS out-yields the check by three percent.



PROTINUS is a unique seed-applied product, scientifically formulated to promote early plant growth and nutrition in agricultural and horticultural crops. PROTINUS works in the following ways:

- PROTINUS optimizes pH in the micro-zone around seeds, enhancing nutrient availability and optimizing nutrient uptake.
- PROTINUS delivers nutrition directly to seeds. Three key micronutrients important to early plant growth functions – zinc, manganese and iron – are included in the PROTINUS formulation.

Get the most out of your seed investment and improve early-season performance with PROTINUS. For more information please contact your local Wolf Trax retailer or visit www.wolftrax.com.



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INNOVATIVE MICRONUTRIENTS

Growing Forward®