



PRO-SOIL IPS 100: Unlock Your Soil's Full Potential

Revolutionizing Soil & Water Management for Enhanced Growth and Efficiency

Pro Soil IPS 100 is an advanced agricultural input designed to optimize fundamental soil conditions for superior plant performance. It's a unique and highly effective tool for comprehensive water and air management within the soil profile, combining a powerful stimulatory enzyme base with a high-performance surfactant.

Key Benefits

- **Optimized Soil Health & Structure:** IPS 100 improves both water drainage and retention, allowing excess water to move through the soil while retaining plant-available moisture longer. It enhances aeration, improves soil mellowness, and aids in soil detoxification.
- **Superior Nutrient Availability & Efficiency:** Enzymes within IPS 100 break down complex soil nutrients, making them more accessible for plant uptake. This includes unlocking nitrogen (NH₄), phosphate (P), and sulfur (S). Improved root mass further enhances fertilizer efficiency and nutrient availability.
- **Robust Plant Performance & Resilience:** Enzymes support plant growth, development, and intrinsic disease resistance. The product provides quick energy, helping plants overcome environmental stressors and deterring insect attacks.
- **Works as a spring or fall application for residue decomposition.** Faster residues break down promotes faster nutrient cycling and higher ROIs

The Science Behind the Success

IPS 100 contains a powerful stimulatory enzyme base, including:

- **Beta glucosidase:** Unlocks glucose for microbial energy.
- **Amidase & Urease:** Unlock ammonium (NH₄), a plant-available form of nitrogen.
- **Phosphatase:** Unlocks phosphate (P).
- **Sulfatase:** Unlocks sulfur (S).
- **Trehalase:** Unlocks glucose for sugar energy, supporting plant growth and soil health.
- **Glucosyltransferase:** Aids in soil detoxification by breaking down organochlorides.

Carbohydrates & Nonionic Surfactants

IPS 100 includes Carbohydrates, providing quick energy for plants and microbes, and assisting in deterring insects. The Nonionic Surfactants physically open soil structure for better air and water penetration.