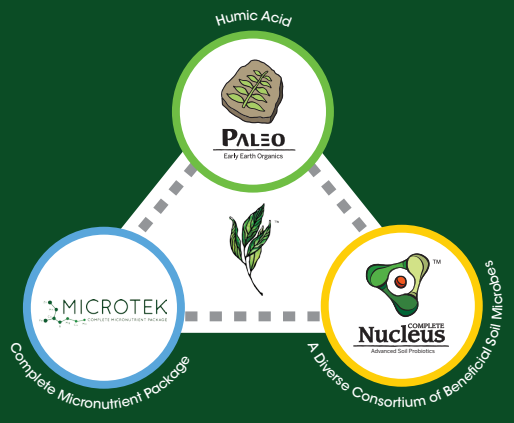


SynaTek TriForce Fertilizer

Win The Soil Battle

Key Benefits

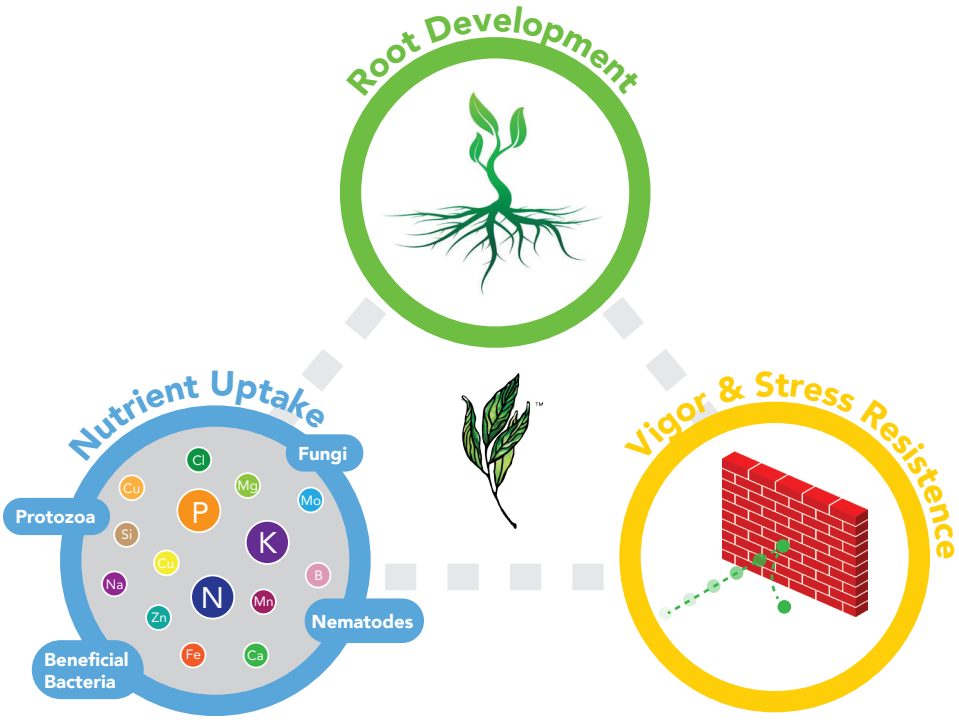
- Enhanced root and shoot development
- Improved soil texture and structure
- Increased the availability of macro and micronutrients
- Escalates a plant's natural defenses improving its ability to recover from disease and insect damage
- Boosts a plant's resistance to environmental stresses, such as heat, drought and high traffic
- Enhances nutrient availability and the efficiency of any fertility program
- Reduces the effects of pH and soil colloidal imbalances

Analysis

3-3-0 (100% MOST) w/ TRI-FORCE	50 LB
10-0-10 (25%XCU) 3%FE w/ TRI-FORCE	50 LB
16-2-3 (50%MOST) 30% XCU 2% AS w/ TRI-FORCE	50 LB
20-0-10 (50% XCU) 5% FE w/ TRI-FORCE	50 LB
24-0-8 (25% XCU) w/ TRI-FORCE	50 LB

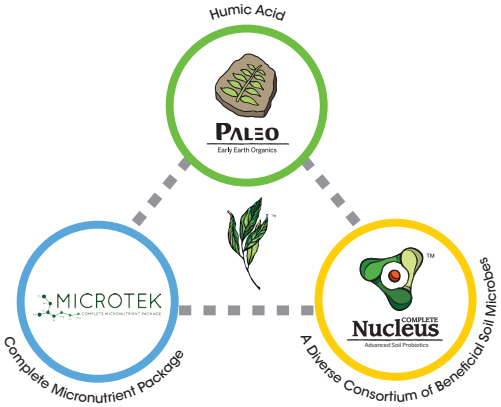
Most turf grass managers agree that the quality turf grass stand is largely dependent on the health and vigor of its soil. Unfortunately, because of various environmental and culturally imposed stresses, turf grasses rarely achieve their full potential.

Tri-Force is an organic bridge product containing beneficial bacteria, humates and micro-nutrients that has been specifically formulated to help correct deficiencies and improve the soil structure.



Branch Creek™
Grow. Greener.

Powered by
Branch Creek
Paleo
MicroTek
Nucleus Complete



TriForce in Action

Win The Soil Battle

A) Root Anatomy: TriForce triggers turf plant hormone production that is crucial in regulating the growth of plant roots. This release controls how root cells elongate as the root grows, allowing the plant to develop an extensive, highly branched root system. Benefits of increased rooting Better Drought Tolerance, Increased Nutrient Uptake.

B) Beneficial Microbial Interactions: Soil microbes found in TriForce (bacteria and fungi) are essential for decomposing organic matter and recycling old plant material. Some soil bacteria and fungi form relationships with plant roots that provide important nutrients like nitrogen or phosphorus. Fungi can colonize upper parts of plants and provide many benefits, including drought tolerance, heat tolerance, resistance to insects and resistance to plant diseases. Other soil microbes (Protozoa and Nematodes) eat bacteria and sometimes fungi, release excess nutrients that can then be used by plants and other members of the food web.

C) Nitrogen Fixation: TriForce contains Nitrogen-fixing bacteria that change nitrogen gas from the atmosphere into solid nitrogen usable by plants reducing nutrient inputs.

D) Natural Chelation: Many trace elements in their basic form(s) are unavailable to plants. This is largely due to the fact that these metals, such as iron, are positively charged. The pores (openings) on the plants' roots are negatively charged. As a result, there is a problem with the fixation of positively charged minerals at the negatively charged pores (the element can't enter the plant due to the difference in charges). However, if a chelate is added with an element like iron it effectively encapsulates (surrounds) the metal/mineral ion and changes the charge into a negative or neutral charge, allowing the element to enter the pore and travel into the plant.