SoilClean

How It Works
Craig K. Jones PhD, Bio-Molecular Physics
Agri Consultant

SoilClean was introduced in 2003. Dr. Jones completed one of the first plant scientist field trials. His comments are reprinted with permission.

Dr Jones applied SoilClean to a variety of plants and was impressed with his results. In all cases the treated plants outperformed the controls. For example, he applied SoilClean to the roots of 3,000 mal-nourished orange trees in Collier County Florida. The owner reported ample fertilization, but the trees were still in poor health, producing below normal yields. Dr Jones followed label instructions soaking each tree root area with one ounce of SoilClean in four gallons of water. The cost was less than $1.50 per tree. Within six weeks, the trees were disease-free and flourishing. The owners are pleased and anticipate an improved harvest. SoilClean displays significant potential for increasing food production. I present the following observations and opinion as why it appears so impressive. You have my permission to use my conclusions as you wish. SoilClean appears to be exceptionally effective dissolving (chelating) both organic and inorganic ions in the soil. Because natural plants and synthetic fertilizers are incompatible, it is difficult for plants to absorb minerals such as iron, zinc, and synthetic fertilizers. In some cases, plants absorb as little as 30% to 50% of applied fertilizers and minerals. As much as 50% to 70% of applied fertilizers remain unused. After multiple years of pesticide and synthetic fertilization applications, millions of acres of agricultural soils are saturated with synthetic contaminants. In many areas hair roots are unable to penetrate the soil and absorb minerals, moisture, inorganic nutrients, or oxygen. Applying additional fertilizers does not help. Plants remain malnourished and yields are diminished. Growers suffer inadequate financial returns. Much of the money spent on fertilization is wasted. SoilClean appears to offer a solution. SoilClean improves the absorption of nutrients and chelates the contaminants. It helps loosen clogged soils restoring those soils to productivity. A single application appears to loosen and restore the soil to arability and increased yields. SoilClean separates (chelates) and breaks down metallic and synthetic molecules into nano sized particles so small that plants can absorb them. This even includes metal ions such as residues of copper insecticides. This explains why growers can reduce the cost of fertilizers the first season. The savings achieved in reduced fertilizer costs can pay for the SoilClean application. Agronomists describe the process as “cation exchange.” SoilClean is an exceptionally effective cation exchange stimulant. SoilClean contains a wide selection of processed plant and oil seed sourced chelators. The dipolar colloidal micelles formed enhance chelation properties. Chelation is a process of dissolving metal and/or synthetic ions. Chelating agents dissolve insoluble iron and other mineral nutrients, making them more absorbable for plants. The benefit for plants is increased availability and absorbability of nutrients, thus enhancing cation exchange.
Craig K. Jones

Dr. Jones, “Because natural plants and synthetic fertilizers are incompatible, it is difficult for plants to absorb minerals such as iron, zinc, and synthetic fertilizers. In some cases, plants absorb as little as 30% to 50% of applied fertilizers and minerals. As much as 50% to 70% of applied fertilizers remain unused.”