

# Nature's Source Soil Essentials 3-2-1 – Features & Benefits

Soil Essentials (3-2-1) is a concentrated plant-based liquid Bio Nutritional product that is derived from oilseed. Nature's Source uses a patented multi-step acidulation process to fully capture and preserve the many key nutritional and plant health components that have been naturally stored in the embryonic and seed coating tissue. In this processing/extraction process, NOTHING IS WASTED.

In addition to N-P-K, Soil Essentials provides many other key carbon-based/naturally chelated macro and micro nutrients, Silicon and Silica, L-Amino Acids, plant hormones, and various vitamins and minerals all naturally balanced to optimize plant health when used alone or as supplement to basic N-P-K fertility treatments.

Soil Essentials is also a low pH/low salt formulation whose high level of Organic Soluble Carbon is a valuable soil enhancement tool that both feeds beneficial microorganisms while buffering damaging salts from the soil solution. This unique small molecular weight Carbon is a highly beneficial tool for drastically improving Soil Health and is significantly improving the uptake and nutrient use efficiency of nutrient mixes applied to permanent, vegetable and row crops.

## Product Highlights

- Complete supplemental nutrition that includes Sulfur, Calcium, Magnesium, Boron, Zinc, Manganese, Iron, Copper, and trace amounts of Molybdenum, Nickel and Cobalt.
- Contains 20 Plant Essential L-Amino acids.
- Provides Silica and Silicon which help to promote cell strength, improves function of Xylem and Phloem, while increasing crop resistance to Abiotic Stresses related to salt and drought.
- Trace amounts of naturally occurring Plant Hormones that includes Auxin, Cytokinin, and Gibberellins.
- Provides 20% Soluble and Liable Organic Carbon that yields unique agronomic capabilities specific to lower molecular weight Carbon.
- Low Fertilizer Salt Index with a value of 5.5
- Filtered and Processed to 5 microns
- Wide range of fertilizer compatibility including CN9, CAN17, 10-34-0, 7-22-1, KTS.

