

BioBuild® SUN - 5

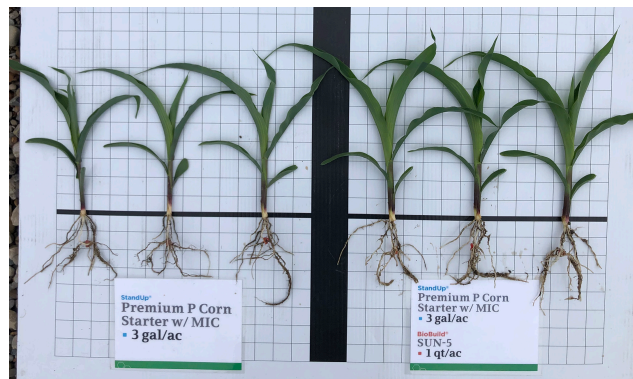
SUN - 5, a plant derived 5% fulvic acid to help improve nutrient uptake, stimulate plant growth and improve stress protection.

PCT | Sunrise® BioBuild® SUN - 5, is a 5% fulvic acid plant nutritional product. Fulvic acids are part of a group of humic substances. In general, humic substances are created as a result of the decomposition of organic matter. Fulvic acid is the fraction of decomposed organic matter that is soluble at all pH ranges and in water. The organic matter used for the creation of SUN - 5 is leonardite, which is organic matter associated with lignite that has not yet completed the process of transformation to coal. Fulvic acids are natural, complex molecules that improve the uptake of nutrients in soil. The fulvic acid fraction are chelators that attach to mineral ions and protect these ions from being tied up by the soil but held loosely enough so they are still available to the plant.

Out of the group of humic substances, fulvic acids are smaller, more biologically active and faster acting than others in the group, making them an excellent choice for in-furrow, 2x2 or foliar applications. As a smaller molecule and a chelator, fulvic acids not only surround the minerals, but they also help transport them through the cell membrane into the plant.

Recommendations for use:

PCT | Sunrise BioBuild SUN - 5 may also be mixed with most insecticides and fertilizers. A jar test is recommended before tank mixing.

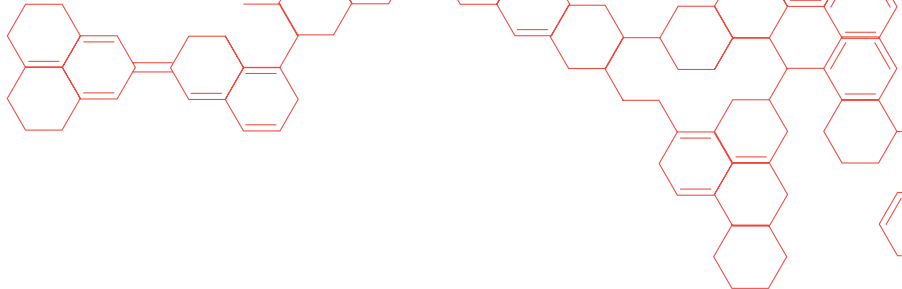


Benefits of SUN - 5

- ↳ Aids in increasing the availability of nitrogen, phosphorous, sulfur and other minerals
- ↳ Increases uptake of micronutrients such as copper, iron, manganese and zinc
- ↳ Has an auxin (hormonal growth) like effect on plants and roots
- ↳ Improves stress protection for the plant (*consider using in combination with PCT | Sunrise BioBuild C-Green or C-Green Amino+*)
- ↳ An excellent source of energy for soil microorganisms (*see PCT | Sunrise BioBuild BioComplete or BioSpray sell sheet for additional information on our PCT biological products*)
- ↳ Important in nutrient exchange capacity of soils
- ↳ Can be applied in-furrow, 2x2 or as a foliar application
- ↳ Reminder: SUN - 5 helps plants take up nutrients, a balanced and complete fertilizer program is needed to reach maximum efficacy

Package Size

- ↳ 2 x 2.5 gal
- ↳ 250 gal tote



Usage Rates

CROP	RATE	APPLICATION
SOIL (surface applied)	1 gal	Mix with sufficient water per acre and broadcast directly onto soil and blend into 1-2 inches of soil before planting
ROW CROPS	1-2 qt	Mix with 5 gallon of water per acre
TREES	2-4 qt	Mix with 50 gallon of water per acre and apply to tops and bottoms of leaves
GARDEN/PLOTTED PLANT	3 oz	Mix with 1 gallon of water and apply to root zone
GREENHOUSE	2 qt	Mix with 50 gallon of water (1% solution) and apply over plants until soaked into soil; Use 250 ppm for hydroponics
TURF	2-6 oz	Mix with 5 gallon of water per 1000 sq ft