

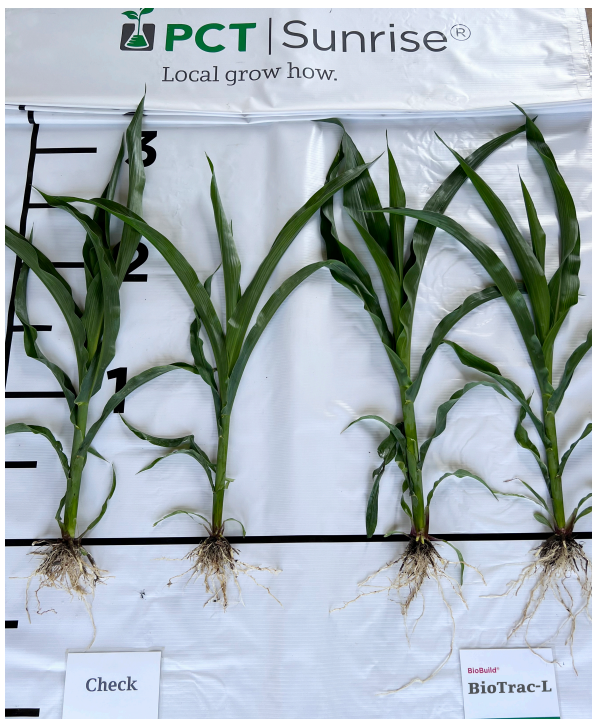
BioBuild® BioTrac-L



PCT | Sunrise® BioBuild® BioTrac-L is a microbial inoculant plus an enzyme formulated to be blended with liquid fertilizer or tank mixed and applied in-furrow, 2x2, or sidedress.

BioTrac-L contains a microbial team aimed at improving nutrient use efficiency through solubilization, uptake and utilization of newly applied fertilizer and existing soil nutrients. BioTrac-L is easily applied through a variety of liquid applications.

BioTrac-L's included enzyme functions by breaking down plant cell wall polysaccharides and other complex structures in soil organic matter and converting them into simple sugars. Simple sugars are a food source for soil microbes thus increasing overall microbial health and activity. Increased microbial health increases nutrient efficiency and plant health.



Role of Enzymes in Plants

Enzymes are catalysts produced by living organisms which act to bring about specific biochemical reactions. Enzymes are not a living organism but more resembles a chemical reaction.

- ↳ Enzymes will carry out their targeted processes repeatedly, regardless of environment.
- ↳ In soil environments, microbes produce various enzymes to carry out trillions of different reactions.
- ↳ Enzymes applied to the soil jump-start microbial activity and remove the lag in native microbial activity in the soil especially in cold, wet environments.

Advantages of BioTrac-L:

- ↳ Improves micro and macro nutrient use efficiency through solubilization, uptake and utilization.
- ↳ Microbial team produces enzymes and organic acids that improve solubilization of fertilizer into plant available forms and releases bound nutrients. The included enzyme drives the process to create simple sugars, a food source for soil microbes, thus improving soil health and microbial activity.

Usage Rates:

- ↳ In-furrow or 2x2 with starter
 - 16 to 32 oz/acre
- ↳ Sidedress
 - 16 to 32 oz/acre
- ↳ Shelf life is 18 months when mixed with liquid fertilizer

Application Method and Storage:

- ↳ Applied as part of liquid fertilizer application.
- ↳ BioTrac-L is tank-mix compatible in water with liquid fertilizers and most standard crop protection products. Should the tank mixture set for longer than 2 days, agitation is recommended prior to resuming application. Avoid tank-mixing with copper fungicides and bactericides. When tank-mixing with liquid fertilizer or crop protectants, perform a jar test to assure compatibility with different mixtures of chemicals.
- ↳ Store in a dry area out of direct sunlight between 40°F - 95°F.