



C² Technology

C² Technology exclusively from Loveland Products and Nutrien Ag Solutions™ has taken carbon performance to the next level with unique *EXTRACTION* and *REACTION* processes. C² Technology utilizes unique extractions resulting in compounds that are more bioactive, and more likely to foster plant growth and improve soil health.

Our unique Carbon extractions are paired with Carbohydrates and *REACTED* with nutrition to form complexed nutrients. This complexation increases fertilizer use efficiency and reduces soil tie-up, making nutrients available longer, and improving availability in both soil and foliar applications.

The Dynamic Nature of C ² Technology				
Relative Rate				
Applied Nutrient Use Efficiency				
Existing Nutrient Use Efficiency				
Biological Activity				
Structural Effect				
Buffering Effects of Salt and pH				

| C² TECHNOLOGY

Carbon

- Unique carbon components drive chemical and biological activity in the soil as well as promote soil structure.
- Carbon serves as a storage structure for the beneficial soil microbiome.

Extracted

- Proprietary method creates customized carbon extractions to meet the unique needs of each nutrient with which they are combined.
- Extraction method results in a more stable end-product.



Carbohydrate

- A food source for beneficial soil microbes as well as an energy source for the plant.
- Assist in complexing nutrients for increased availability.

Reacted

- Nutrients are reacted under heat and pressure to form a stronger bond to increase fertilizer efficiency and reduce soil tie up.
- Resulting complex provides flexibility in application.