DOBER

dober.com/soltellus
info@dober.com
+1 (630) 410-7306

Soltellus™ 2000L

Make Every Input Count

How Soltellus Works

Soltellus™ is a complexing agent that is strong enough to attract and hold nutrients and moisture in the root zone to feed the soil microbiome and plants when needed. In the soil, in the tank or on the leaf.

KEEPS NUTRIENTS AVAILABLE:

Helps prevent nutrient tie-up in the soil, keeping essential nutrients accessible to plants for longer.

SUPPORTS SOIL HEALTH AND STRESS RESILIENCE:

Feeds beneficial soil microbes as it biodegrades, supporting nutrient cycling, microbial activity, and plant stress tolerance.

IMPROVES FOLIAR APPLICATIONS:

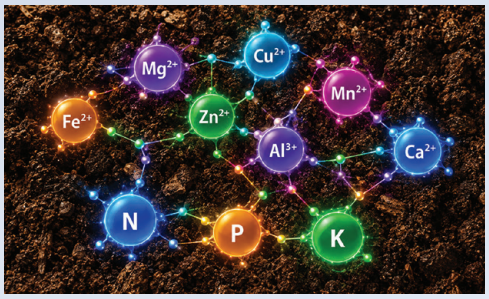
Helps condition hard water, improves spray coverage and nutrient absorption, and enhances the effectiveness of tank mixes.



Family Owned, Farm Focused
Soltellus™ is made in the USA

Soltellus™

Make Every Input Count



Helps Keeps Nutrients Available

Soltellus™ carries negatively charged sites that attract and chelate, or hold, positively charged nutrient ions directly on the polymer surface. Soltellus™ holds about three times more nutrients than a typical soil can. Its cation exchange capacity (CEC) is 100, compared with 5 to 30 for most soils, so it grabs nutrients before the soil can lock them up. Phosphorus stays available too. In the soil, calcium, iron, and aluminum tie up phosphorus and lock it away from the plant. Soltellus™ holds onto those minerals first, leaving phosphorus free for the roots. Because Soltellus™ holds nutrients loosely, they can be released back into the soil water where roots can take them up.



Feeds Soil and Plant Microbes

Soltellus™ is biodegradable and remains functional for up to 90 days. As it breaks down, it becomes a food source for soil microbes and returns carbon, nitrogen, and any held nutrients to the soil. With a 4 to 1 carbon to nitrogen ratio, it feeds the soil rather than robbing it. The result is greater microbe species and diversity, improved soil health and better plant-microbe interactions. The stronger root systems and root exudation that follow are what build soil organic matter over multiple seasons.



Increases Stress Mitigation

A thriving microbiome contributes greatly to crop success through NPK cycling, biotic and abiotic stress reduction, and maintaining and building productive soils. Soltellus™ is also hygroscopic, holding onto water molecules and this helps hold moisture around root and root hairs enhancing nutrient exchange and benefiting plants and the microbiome.



Improves Foliar Spray and Mixes

Hard water carries calcium, magnesium, and iron. In the spray tank, these hard water minerals bind to many crop protection products, such as glyphosate, and reduce how well they work before they ever reach the leaf. Soltellus™ ties up those hard water minerals first, so the products you add can perform as intended. On the leaf, Soltellus™ keeps sprayed nutrients in a form the plant can take up. Growers using Soltellus™ in the tank report cleaner tanks after application and more consistent weed control, especially where water quality is a known problem.

Family Owned, Farm Focused
Soltellus™ is made in the USA