



Borregaard



BIOPOLYMER FEATURES VS SYNTHETIC CHELATES

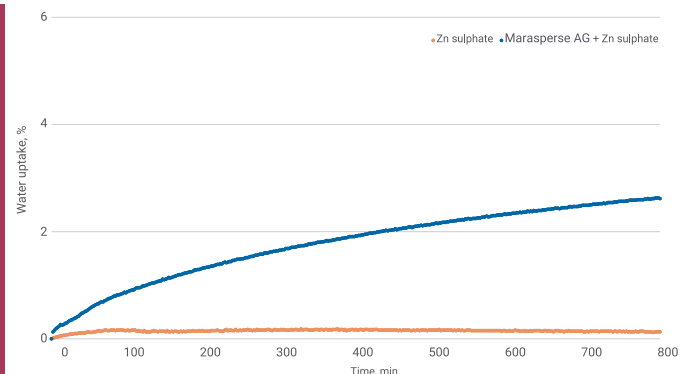
IMPROVING PRODUCT PERFORMANCE AND SUSTAINABILITY

Marasperse® AG has superior complexing properties that are key to ensuring proper micronutrient uptake and superior performance in the field.

- Smaller molecular size of Marasperse AG improves foliar uptake compared to synthetic chelate.
- Hygroscopic properties of Marasperse AG allows micronutrient to remain in water solutions allowing for better diffusion and leaf penetration.
- Marasperse AG will capture atmospheric moisture allowing the solution to remain wet on the leaf much longer than EDTA based chelates.
- Tailored formulations combination can be made with Marasperse AG due to binding sites while synthetics typically have limited binding sites.
- Marasperse AG is sustainable, green and plant derived. It will not contaminate soil or cause build-up of non-biodegradable spray residues like synthetics.
- Marasperse AG adds carbon and soluble sulfur to improve the uptake of the micronutrient it carries. Synthetics add no other plant nutrition benefit.
- Unlike synthetics, Marasperse AG will not cause leaf burn, has excellent storage stability, and improves yields.

Marasperse AG is a hygroscopic biopolymer. It helps keep nutrients in a water- soluble form so that they can diffuse and penetrate into the leaves, even in low humidity environments.

Zinc (Zn) sulfate spray residue formulated with Marasperse AG remains moist and active for foliar uptake.



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