

# MAGNIFY<sup>Si</sup>

Chelator • Solution Encapsulator • Delivery Protector



Magnify<sup>Si</sup>® improves both nutrient and pesticide efficiency up to 20% by supporting plant uptake using silica technology. Magnify<sup>Si</sup> is most effective when combined with systemic and translaminar chemistries including herbicides, insecticides, fungicides, and plant growth regulator (PGR) products. Magnify<sup>Si</sup> also enhances plant nutrient uptake and availability of all liquid fertilizer formulations including macronutrient and micronutrient products.

Magnify<sup>Si</sup> uses a completely unique mode of action to increase nutrient and active ingredient uptake. Plants interact with silica particles using a process called endocytosis which allows for more active ingredient molecules to be taken up at one time.

**HOW TO USE:** Magnify<sup>Si</sup> is effective for both soil and foliar applications. Add Magnify<sup>Si</sup> following crop inputs in sufficient water to ensure adequate coverage. Mix well. Additional adjuvant or surfactant products should be added after mixing Magnify<sup>Si</sup> with crop inputs.

Magnify<sup>Si</sup> is intended to be tank mixed with agricultural products to improve uptake. Magnify<sup>Si</sup> is not intended to replace other adjuvant products.

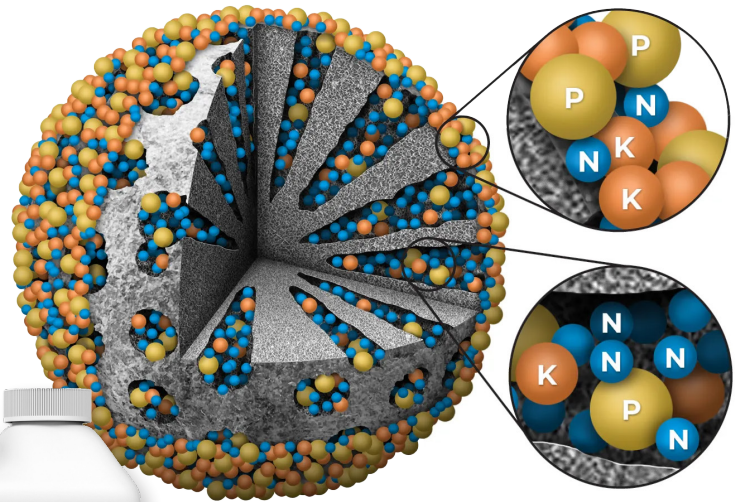
**USE RATE:** The general use rate for Magnify<sup>Si</sup> is 4 oz/acre. Apply 6-12 fl oz/acre when total application volume is greater than 50 GPA.

A reduced rate of 2 fl oz/acre may be used for low volume aerial applications with a total application volume less than 5 GPA.

## WHAT TO EXPECT

- Improves nutrient and active ingredient absorption up to 20%\*
- Unique carrier technology
- Add a novel adjuvant mode of action
- Compatible with most products

*\*Actual % will vary between product formulations and field conditions*



Nutrient ions of the **crop input solution** are attracted to the silica particle and form an outer and inner layer of ions.

Each silica particle carries thousands of fertilizer ions or active ingredient molecules **rapidly into the plant cell** and release them once inside.

Contact your **local Wells Ag Supply dealer** to learn more about this product and its performance in the field.