

FOLIAR NUTRIENT ABSORPTION TEST

Translocating foliar nutrients and crop protection products *effectively* into crop leaves requires more than a “surfactant” to wet the leaves.

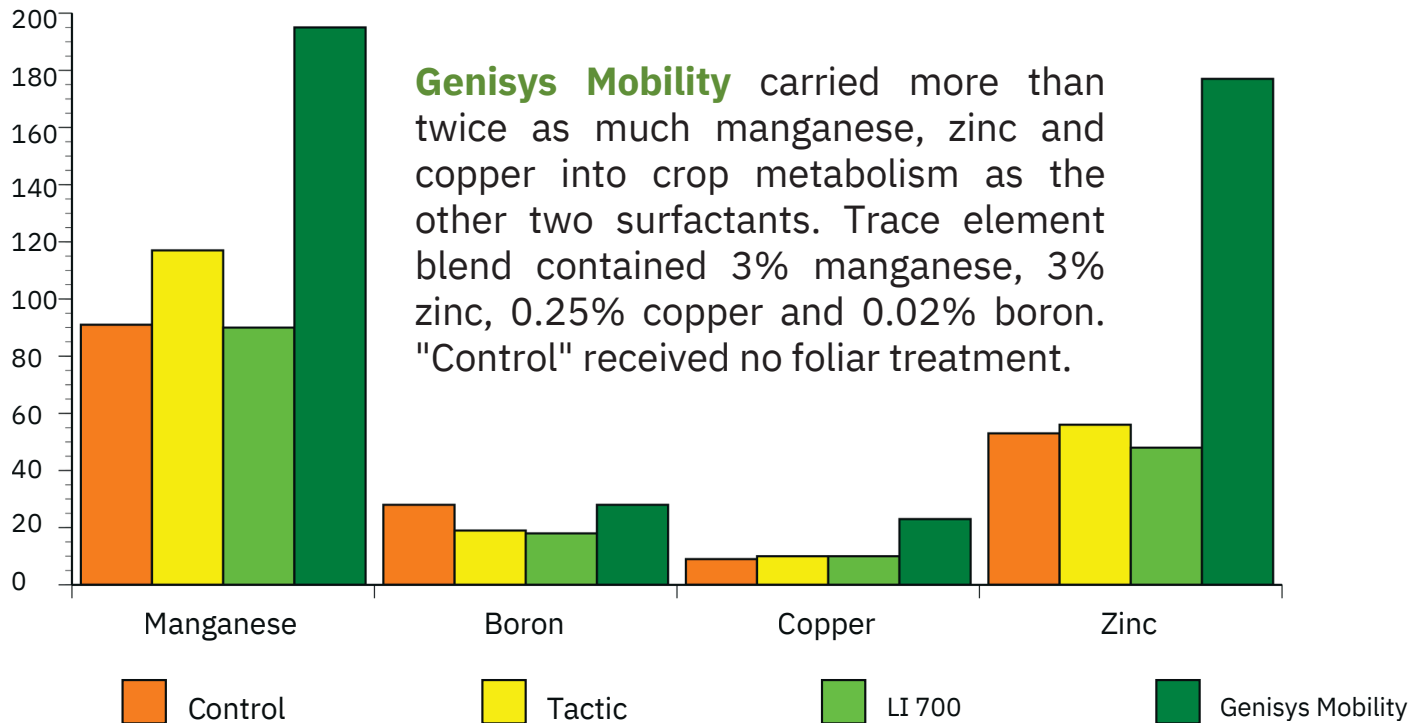
Genisys Mobility enables foliar-sprayed materials to *penetrate through the leaf cuticle and into cell metabolism*. **Genisys Mobility** creates a nano carbon structure in water which gently softens and lifts the waxy leaf cuticle and carries foliar products deep into the leaf palisade cells with its unique negative-ion bonding.

Products applied in water which is structured with **Genisys Mobility** are **rain-fast within about 15 minutes**.

Sprayed leaves appear dry after a few minutes, even on a cool, humid day, because the moisture film on the surface quickly penetrates deep. Data in the chart below comes from a foliar translocation test in which a standard trace element blend was sprayed on crop leaves in late afternoon, before a heavy rain. Tissue samples were taken 48 hours later.

The results are similar to dozens of translocation studies conducted with our **Systemic Carbon Technology** since 2008. The principles work with NPK, trace elements, herbicides and other foliar materials.

Trace element content of corn at V5, 48 hours after foliar spraying with the same trace mix, but carried by three different surfactants



Tissue analysis was performed by Midwest Laboratories, Omaha, NE June 7, 2016. Corn was sprayed at three-leaf stage June 4, samples taken 48 hours later and sent to the lab.

