

# CNI

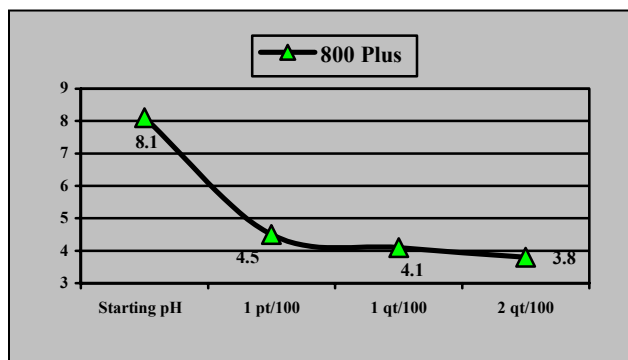
CHEM NUT, INC.

# 800 Plus™

MULTI-FUNCTIONAL ADJUVANT

## CNI 800 as a buffering agent

- \* Designed to lower pH.
- \* Reduces alkaline hydrolysis-(a chemical reaction that reduces pesticide performance).
- \* Improves the herbicide's dispersion in the solution.
- \* Helps control the ions in the mix.
- \* Increases tank-mixture compatibility.

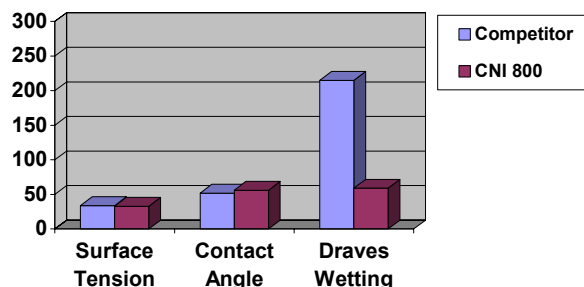


## CNI 800 as a surfactant

- \* Spreads the spray solution more uniformly on the plant.
- \* Increases retention of the spray droplet.
- \* Improves penetration through the leaf surface structures.
- \* Prevents crystallization.
- \* Slows drying time.
- \* Improves performance-

When a weak acid herbicide (examples include: glyphosate, paraquat, bentazon, clethodim, sethoxydim, and 2,4-D) is placed in **CNI 800**, it picks up hydrogen ions from the solution, therefore neutralizing the charge and increasing the oil loving nature of the herbicide. In this environment these herbicides achieve better penetration and provide a quicker kill.

## CNI 800 by the numbers



**SUPERIOR WETTER!**  
Laboratory tests prove the increased wetting characteristics.  
215 seconds vs.  
**CNI 800** at 59 seconds.

## CNI 800 additional Advantages

- \* Formulated from soybean oil.
- \* Unique adjuvant molecule.
- \* 100% actively loaded.
- \* Remains homogenous during mixing and loading.
- \* Manipulates the spray droplet pattern for enhanced coverage.
- \* Low foam formulation.
- \* Remains stable, even in cooler temperatures.

