

CNI Trio™

MULTI-COMPONENT ADJUVANT

★ **MSO** (Methylated Seed Oil) – A major barrier in achieving post-emerge weed control is getting the herbicide into the plant. The primary entry must be through the leaf - this means getting through the cuticular wax on the leaf surface. This major component of **CNI TRIO** enhances weed control with certain herbicides by helping the spray solution “advance” through the waxy leaf surface. MSO’s allow the pesticide to stay longer on the leaf surface and more time to enter the plant.

★ **OSS** (Organosilicone Surfactant) – **CNI TRIO** contains superior nonionic wetting agents that are designed for water-based herbicide applications. It provides fast spreading, uniform distribution and superior absorption of pesticides on leaf and stem surfaces.

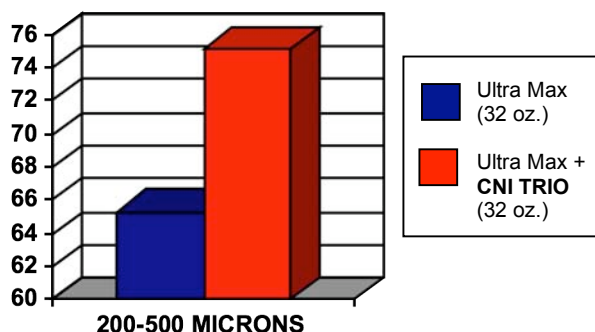
★ **DEP** (Deposition Enhancement Properties) - The third component of **CNI TRIO** is lecithin. Lecithin is derived from soybean oil. It is a proven historical adjuvant performer. This key component helps in droplet delivery, coverage and penetration. It manages the droplet spectrum by launching more of the right-sized droplets, which contains the active ingredients to reach the intended target at the same time. This permits the sprayer to maintain the proper over-laps and reduces spray fines that have a tendency to drift.

CNI TRIO is truly a novel break through product. This designer adjuvant formulation delivers! It truly enhances performance on a whole host of herbicides.

MULTI-FUNCTIONAL ADJUVANT

Managing the Spray Droplets – Droplets less than 150 microns in size generally are not the proper size for fungicide, insecticide and herbicide applications. Especially those droplets less than 50 microns in size have insufficient momentum for impact as they remain suspended in the air indefinitely or they evaporate before landing on the target. Conversely, larger droplets, those above 500 microns, because of their speed and size may bounce off the intended target. Most pesticides can be effectively applied when the spray droplets are in a range from 200-500 microns.

CNI TRIO helps manage the entire droplet spectrum. The test results demonstrate how CNI TRIO delivers more uniform spray droplets (75%), which ultimately helps deliver more consistent control.



2007 Atomization Study
Ohio State University
Dr. Roger Downer
-Teejet XR8003VS Nozzle
-Pressure - 40 psi
-Height - 30 cm above probe
volume of the Aerometric
PDPA Laser System
-X-Range Measurements

CNI Trio Works!

CNI TRIO DELIVERS:

- ◆ **More pesticide to the target**
- ◆ **More pesticide into the target**
- ◆ **More pesticide on the target**

Rate Range: 1 - 4 quarts per 100 gallons **Average Use Range:** 2 - 3 pints per 100 gallons

The application rates are based on pesticide labels, which recommend the use of a MSO or nonionic surfactant. Rates of this product may be increased or decreased for optimum results, follow pesticide labeling for more detailed application instructions.



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