



## ENCAPSULATION TECHNOLOGY WITH SILICA NANOPARTICLES

### HOW IT WORKS

Length EXT NANO is an encapsulation technology combined with silica nanoparticles that enhances leaf surface coverage, improves deposition, and offers protection from the elements. The silica nanoparticles have a unique ability to uniformly cover and adhere to the leaf's surface. These particles are also readily absorbed and transported into the plant, making it an excellent additive for both contact and systemic chemical. The encapsulation technology extends the chemical residual to leaf contact time by protecting it from wash off, UV rays, and evaporation. This additional time not only boosts its activity, but reduces costly chemical loss. Our proprietary surfactant blend drives the spray droplets deep into the canopy to reach the lower leaves and increases droplet spreading and deposition. Length EXT NANO's encapsulation technology also mitigates drift, ensuring that your spray application hits the target. Length EXT NANO offers an additional layer of protection to the plant by helping the plant's tolerance to abiotic stress like drought, extreme heat or cold, and soil salinity.

### BENEFITS

- ▶ Drives chemical deeper into canopy
- ▶ Evenly distributes active chemical over leaf surface with micronized particles
- ▶ Extends fungicide and insecticide contact time to increase activity
- ▶ Protects against UV degradation
- ▶ Minimizes drift
- ▶ Reduces impact of abiotic stress like drought & extreme temperatures

### RATE OF LENGTH EXT NANO

- 3-6 oz per acre.
- For best results and drift management use 5-6 oz per acre.
- Follow chemical label recommendations for adjuvants.
- Perform a jar test to ensure compatibility with fertilizer.

### DIRECTIONS FOR USE

Mixing Instructions:

- Fill tank with water.
- Dry flowables
- Add water conditioners if required by chemical product label
- Add Length EXT NANO and thoroughly mix.
- Add chemicals after Length EXT NANO has been added and thoroughly mixed. Agitate while spraying.

### INGREDIENTS:

Silicone dioxide, polyvinyl polymer encapsulation blend.....100%

Patent Pending **APE and NPE Free**

American Made  
Farmer Proud



www.egebio.com  
888-679-5103  
450 CR C // PO Box 538  
Minneola, KS 67865

