



## Encapsulation Technology with Silica Nanoparticles

### INGREDIENTS:

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

*Patent Pending*

**APE and NPE Free**

### 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 chemical after Length EXT NANO has been added and thoroughly mixed. Agitate while spraying.

### GENERAL INFORMATION

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 pesticides. 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.

### CAUTION: KEEP OUT OF REACH OF CHILDREN

May cause skin and eye irritation. Avoid eye and skin contact. Do not take internally.

### HANDLING AND STORAGE

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not get in eyes, on skin, or on clothing. Keep container tightly closed in a cool, dry, and well-ventilated place. Protect from sunlight. Personal protective equipment: Wear chemical-resistant gloves, long-sleeved shirt and long pants, socks and shoes.

### FIRST AID

**IF ON SKIN OR CLOTHING:** Remove affected clothing and wash all exposed skin with water for at least 15 minutes.  
**IF IN EYES:** Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.  
**IF SWALLOWED:** rinse mouth thoroughly. Do not induce vomiting without advice from  
**POISON CONTROL CENTER: 800-222-1222.** Get medical attention if you feel unwell.  
**IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing.

All ingredients are exempt from tolerance requirements under 40 CFR 180.1001(d)

Length will reduce but not totally eliminate drift. Always follow chemical label directions and precautions. Seller makes no warranty of fitness or merchantability. Buyer agrees that sellers maximum liability shall not exceed the purchase price of this product.

### NET CONTENTS:

265 U.S. GALLONS

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