



ASCEND Nano +Extender

Nanoparticle + Encapsulator



GENERAL INFORMATION

Ascend Nano+Extender combines silica nanoparticle and encapsulation technologies to support spray coverage, deposition, and active ingredient retention. Silica nanoparticles distribute across leaf surfaces to promote adhesion, absorption, and movement within the plant, supporting both contact and systemic pesticide applications.

The encapsulation technology helps protect active ingredients from wash-off, ultraviolet exposure, and evaporation. This may extend contact time, improve application performance, and reduce potential product loss.

Ascend Nano+Extender's proprietary surfactant system improves droplet spreading, canopy penetration, and target deposition. Integrated drift-mitigation technology further supports application accuracy and on-target performance.

Ascend Nano+Extender may also help support plant tolerance to abiotic stresses, including drought, temperature extremes, and soil salinity.



HANDLING AND STORAGE

Wash hands and other exposed areas thoroughly with mild soap and water after handling, before eating, drinking, or smoking, and when leaving work. Provide adequate ventilation to prevent vapor accumulation. Avoid contact with eyes, skin, and clothing.

Wear chemical-resistant gloves, a long-sleeved shirt, long pants, socks, and shoes. Keep the container tightly closed and store in a cool, dry, well-ventilated area away from direct sunlight.



DIRECTIONS FOR USE

Begin filling the spray tank with water and maintain agitation throughout mixing. Add products in the following order:

- Add dry flowables and allow them to disperse thoroughly.
- Add water conditioners when required by the pesticide label.
- Add Ascend Nano +Extender and mix thoroughly.
- Add the remaining pesticide or fertilizer products according to their label directions.
- Maintain agitation during mixing and application.



USE RATE

- Apply 3-6 fl oz per acre.
- For best results and drift management, apply 5-6 fl oz per acre.
- Follow the pesticide label for specific adjuvant recommendations.
- Conduct a jar test before combining Ascend Nano +Extender with fertilizers to confirm compatibility.



PRINCIPAL FUNCTIONING AGENTS

Silicone Dioxide, and Polyvinyl Polymer
Encapsulation Blend 100%
Total 100%
NPE & APE FREE



NET CONTENTS:
2.5 U.S. GALLONS (9.46 L)

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