



NewEraSOS
Scientific Optimal Solutions

NewEraAgri™ Herbicide Catalyst

Nanotechnology that maximizes herbicide performance

Product Information

NewEraAgri™ Herbicide Catalyst is a cutting-edge adjuvant crafted to boost the effectiveness of pre-emergent herbicides, specifically targeting weed prevention. By leveraging proprietary nanotechnology, it enhances herbicide performance in various Roundup ready crops.

Where to Use

Ideal for use with most herbicides for perennial and common weeds.

Features

- Eco-friendly chemistry
- Increased herbicide performance
- Nanotizes physical characteristics of spray solution
- Reduces surface tension between spray droplet and leaf surface



Benefits

- Enhanced herbicide absorption and penetration
- Improved weed control on perennial and annual weeds
- Faster leaf penetration (≤60 seconds with some herbicides)
- Reduced photodegradation protection

- Improved rain fastness
- Easy tank-mix compatibility
- Optimized spray characteristics
- Reduced surface tension for better coverage
- No additional surfactants needed

Features	Benefits
Nano-enhanced formula	Improved Herbicide Absorption
Multi-functional adjuvant	Replaces multiple additives
Fast penetration	Weather-resistant application
pH Optimization	Maximizes herbicide stability



How it Works

- Particle Size Optimization: Ensures maximum absorption and penetration.
- Enhanced Herbicide-Plant Interaction: Improves the performance of formulations like glyphosate, 2,4-D, and Roundup.

Use Instructions

Always perform a jar test to ensure compatibility.

Add directly to spray tank.

1. Balance water pH to 5.5 using NewEraAgri™ pH Perfect Boost. (Well water pH adjuster)

2. Add herbicide per label recommendations.
3. Add 8–12 oz of **NewEraAgri™ Herbicide Catalyst** mixed with herbicide and use 15–20-gal water per acre for proper coverage.
4. For optimum coverage on mature weeds, sprayer speed should be < 7 mph with spray pressure between 30–40 psi.
5. Mix well before applying.

Tips:

- For weeds that exceed the herbicide labels harder to control weeds, perform an additional application of 4 ounces of **NewEraAgri™ Herbicide Catalyst** per acre.
- Do not combine with: Crop oil concentrates, additional surfactants, ammonium sulfate (AMS), nitrogen fertilizers, spreader-stickers, wetting agents, and other adjuvants.

Product Specs

Sizes: 4x1-gal, 55-gal, 275-gal

Appearance: Amber to Clear

Odor: Slightly Earthy

pH: 5.5 – 6.5

Storage: 55°F to 75°F

Other: Non-Hazardous, Non-Flammable, Ozone-Safe, Contains No VOC's