



3 REASONS YOU SHOULD CONSIDER APE/NPE-FREE ADJUVANTS



1 CROP SAFETY

APE/NPE-free adjuvants can be added to fungicide tank mixes to limit crop injury, without the risk of arrested ear syndrome with pre-tassel applications.

2 ENVIRONMENTALLY FRIENDLY

Spray adjuvants that are free from APEs and NPEs, promote more environmentally responsible and sustainable farming practices.

3 INCREASED PERFORMANCE

Our APE/NPE-free adjuvants contain a deposition aid that reduces off target movement, creates workhorse droplets and gets more product to the target, thereby increasing pesticide performance.

PRECISIVE™



NONIONIC SURFACTANT, DEPOSITION AID AND DRIFT CONTROL AGENT

Creates right sized droplets for increased canopy penetration, minimized off-target movement, and better fungicide uptake

True 90% surfactant load

Excellent partner with modern corn and soybean herbicide tank mixes

Approved for use with Enlist One®, Enlist Duo®, Engenia®, Tavium®, and Xtendimax®



University replicated field trial in Central Illinois, Precise™ spray application June 12, 2023



These products are designed to replace traditional adjuvants containing alkylphenol ethoxylates (APEs) and nonylphenol ethoxylates (NPEs), with formulations that promote more environmentally safe and sustainable agricultural practices.

RIPARA™



HIGH SURFACTANT MODIFIED VEGETABLE OIL CONCENTRATE, DEPOSITION AID AND DRIFT CONTROL AGENT

Creates right sized droplets for increased canopy penetration, minimized off-target movement, and better herbicide uptake

Contains 75% canola oil and 25% surfactant

8 fl oz/acre delivers the same amount of oil per acre as an ordinary HSOC at 10 fl oz/acre

Use at 50% of the traditional use rate of ordinary COCs or MSOs

Excellent tank mix partner with a wide range pesticides for corn, soybean, and small grains

Approved for use with Enlist One®, Enlist Duo®, Engenia®, Tavium®, and Xtendimax®



Pre-VT Ripara™ spray application in Northern Iowa on July 13, 2023



The efficacy of APE/NPE-free adjuvants is an important consideration for growers in crop protection spray applications.



SALIA™

HIGH SURFACTANT OIL CONCENTRATE, DEPOSITION AID AND DRIFT CONTROL AGENT

Creates right sized droplets for increased canopy penetration, minimized off-target movement, and better herbicide uptake

Contains 75% paraffin oil and 25% surfactant

8 fl oz/acre delivers the same amount of oil per acre as an ordinary HSOC at 10 fl oz/acre

Use at 50% of the traditional use rate of ordinary COCs or MSOs

Excellent tank mix partner where MSOs are not allowed

Approved for use with Enlist One®, Engenia®, Tavium®, and Xtendimax®



Salia™ spray application in Southwest Iowa July 6, 2023

APE/NPE-FREE ADJUVANTS

Through our Partner driven Research, Observation and Validation Experience, the PROVE Trial Program bridges the gap between product development, research, and real-world application.

Results. Expect It!

PROVE TRIAL

Results. Expect it:



APE/NPE-free adjuvant successfully preventing arrested ear syndrome. 100% crop safe solution for your tank mix application prior to tassel.



APE/NPE-free high surfactant crop oil concentrate and deposition aid SALIA on this soybean field. Right size droplets with a crop safe surfactant for more coverage, less crop response and more yield.