

Cavalry™ Envoy

Surfactant • Water Conditioning Agent Humectant

Principal Functioning Agents

Ammonium sulfate, D-Glucitol, 1-deoxy-1- (methyl-amino)-, N-C8-10 acyl derivatives, propylene glycol	42.4%
Constituents ineffective as a spray adjuvant	57.6%
Total	100%
All ingredients are exempt from tolerance under 40 CFR 180.	

Product Details

Cavalry™ Envoy is a convenient premix of a proprietary NPE-free surfactant, humectant and ammonium sulfate based water conditioning agent which improves the ability of the spray droplets to enter the plant and maximize pesticide performance. The proprietary nonionic surfactant and humectant combine to improve pesticide coverage and uptake, while also maintaining ammonium sulfate in a soluble form. This minimizes salt crystallization on the leaf surface, allowing for optimal herbicide and ammonium uptake into the plant.

Ammonium sulfate serves two distinct functions as an adjuvant. It supplies ammonium, which combines with glyphosate and other pesticides to improve uptake and translocation. It also has water conditioning attributes, by bonding the sulfate portion with hard water cations.

Glufosinate's primary mode of action is the inhibition of nitrogen metabolism, leading to ammonia accumulation and plant cell death. By minimizing ammonium crystallization on the leaf surface and increasing uptake of glufosinate ammonium, Cavalry Envoy helps maximize glufosinate efficacy.

Application Directions

Glufosinate herbicides: 3.5 pt/A

Glyphosate products alone, premixed or tank mixed: 1-2.5% v/v or as directed by herbicide label

Cavalry Envoy contains 3.4 lbs of AMS/gal

* Cavalry Envoy satisfies the requirement for a drift reducing adjuvant in an ESA drift mitigation calculation. Follow pesticide label directions for use rate.

Key Features

- 1 NPE-free surfactant.
- 2 Improved glufosinate performance.
- 3 Improved glyphosate performance.



Package Size

2 x 2.5 gal | 265 gal