

SIMPLYX™

MAXIMIZES GLYPHOSATE TANK MIX
PARTNER PERFORMANCE

LESS THAN EXPECTED

That's what applicators often get when tank mixing additional herbicides with glyphosate. While changing the strategy to include a tank mix partner with glyphosate is a good way to manage or prevent glyphosate resistant weeds from stealing yields and profits, it can fall short of expectations. Even something as simple as controlling volunteer Roundup Ready® corn in your Roundup Ready soybeans can be a problem unless you change adjuvants.

THE PROBLEM IS CHEMISTRY

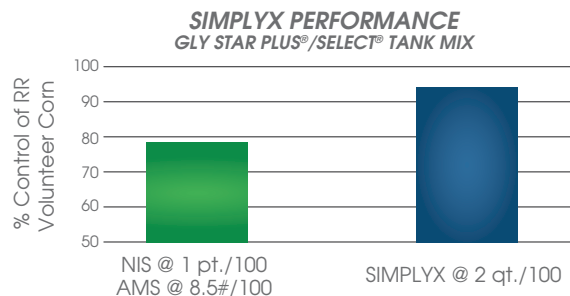
Whether it's included in the glyphosate formulation, or added as a tank mix component, nonionic surfactant is the adjuvant of choice for improving glyphosate performance. The problem is that most herbicide tank mix partners, that could boost the performance on tough-to-control weeds, require an entirely different type of adjuvant system than glyphosate.

Tank mix partners like clethodim, fluazifop, mesotrione and others rely on oil-based adjuvant systems like crop oil concentrate (COC) or methylated seed oils (MSO) to consistently maximize their performance. Unfortunately, while MSOs and COCs are enhancing the performance of the tank mix partner, they are also antagonizing the performance of glyphosate.

Unless you change adjuvant systems you'll never get the full potential from your glyphosate tank mix.

SIMPLYX CHANGES EVERYTHING

Simplyx is a unique, low-use rate, activator adjuvant blend designed to maximize the performance of glyphosate and its tank mix partners. Simplyx improves penetration of both water and oil-soluble herbicides past leaf surface barriers so you get the highest levels of performance from your glyphosate tank mix.



TANK MIX PARTNERS FOR GLYPHOSATE

TRADE NAME(S)	PESTICIDE	pH Range	
		<5.0	5-7
Roundup® Touchdown	Glyphosate	— 1,000,000 ppm —	
Select	Clethodim		
Callisto®	Mesotrione	2,200	22,000
FirstRate®	Cloransulam methyl	3	184
Synchrony® STS or XP	Chlorimuron ethyl	9	1,200
	Thifensulfuron methyl	223	2,240

Water Solubility Rating: High Medium Low

*Glyphosate formulations tend to buffer spray solution pH to pH 5.0 - 5.5.

SIMPLYX MAKES IT EASY

Whether you're using loaded or unloaded glyphosate formulations. Simplyx is the only adjuvant you'll need to add. Simplyx's convenient, low-use rate of 2 quarts per 100 gallons of spray solution:

- Protonates weak acid herbicides for rapid transport across cell membranes to ensure maximum translocation and biological performance.
- Replaces the need for ammonium sulfate by sequestering antagonistic hard water ions.
- Eliminates the need for complicated tank mixes and handling heavy bags of AMS.
- Improves mixing and dispersion of tank mix partners to reduce nozzle plugging.

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