

INTERLOCK®

ADJUVANT GUIDE

WINFIELD®
UNITED





InterLock[®]

By WINFIELD
UNITED

Adjuvant

ALL-PURPOSE DRIFT AND DEPOSITION ADJUVANT

Exclusive, patented deposition and drift-reduction adjuvant

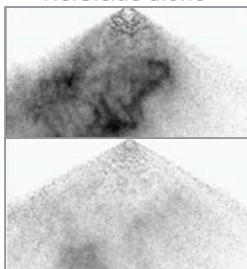
Protected by 3 U.S. patents and containing technology exclusive to WinField United, InterLock[®] is a crop-based adjuvant that improves spray deposition on intended targets and reduces spray drift. InterLock[®] works effectively with herbicides, fungicides, insecticides, desiccants and defoliant.

InterLock[®] reduces the number of fine particles in the spray pattern without thickening the spray. By keeping more spray droplets within the most effective size range, InterLock[®] helps improve coverage, increase canopy penetration, and reduce drift and evaporation of pesticides, whether they are applied by ground or air.



Drift Reduction

Herbicide alone

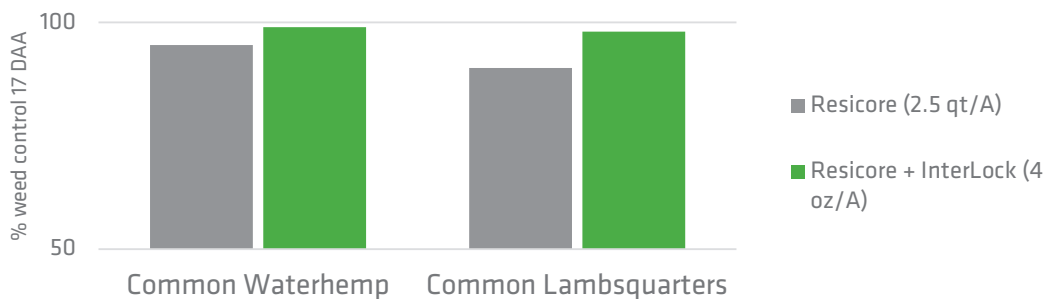


Consistent droplet size achieved with addition of InterLock[®]

Features & Benefits

- Reduces fines: Delivering with more droplets in the ideal droplet diameter spectrum
- Improves deposition and coverage: Right sizes droplet for greater leaf coverage
- Increases canopy depth: Helps get active ingredient deeper into plant canopy for better efficacy

InterLock[®] can help improve weed control up to 7%*



Use Rate

General Uses:

- 5 to 25 gpa: 4 to 6 ounces per acre
- 25 to 50 gpa: 8 to 10 ounces per acre
- >50 gpa: 10 ounces per acre

Aquatic use: 4 to 6 ounces per acre

Deposition aid for fungicides and insecticides: 2 to 4 ounces per acre



U.S. Patent
Protected

For more information visit winfieldunited.com

*Source: Internal field research conducted in 2016 by WinField United. Always read and follow label directions. InterLock[®] and WinField[®] are registered trademarks of WinField United. Actual results may vary. U.S. Pat. Nos. 10,334,842, 10,334,843 & 11,234,377. ©2022 WinField United.

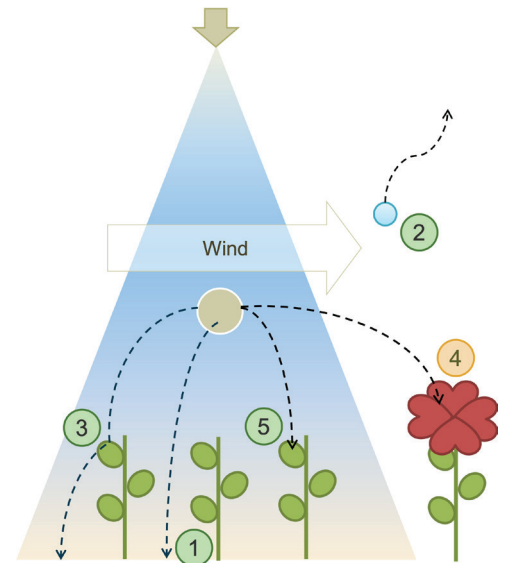


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INTERLOCK IS AN ALL-PURPOSE DRIFT AND DEPOSITION ADJUVANT TO HELP MINIMIZE FINES, KEEP APPLICATIONS ON TARGET AND PROVIDE BETTER COVERAGE.

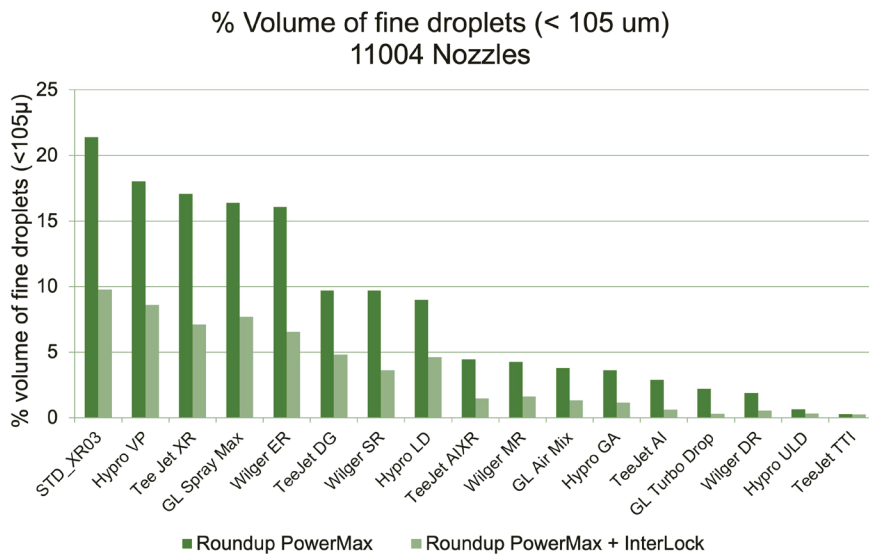
FATE OF A DROPLET

1. Some spray is lost to soil surface
2. Very small droplets can evaporate (<50 µm)
3. Very large droplets (>600 µm) can run or bounce off the leaf
4. DRIFT: Small droplets can drift away and deposit off-target (50 - 200 µm)
5. SUCCESS: maximize on-target application!



INTERLOCK CAN IMPROVE ALL SPRAY TIPS

INTERLOCK WORKS WITH A WIDE VARIETY OF NOZZLES TO MINIMIZE FINES



Keeping Droplets on Target

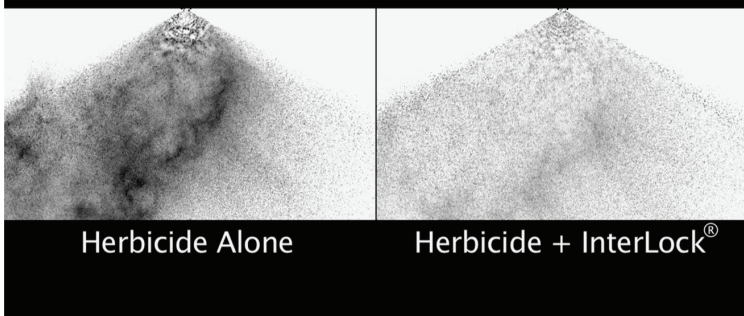


Glyphosate

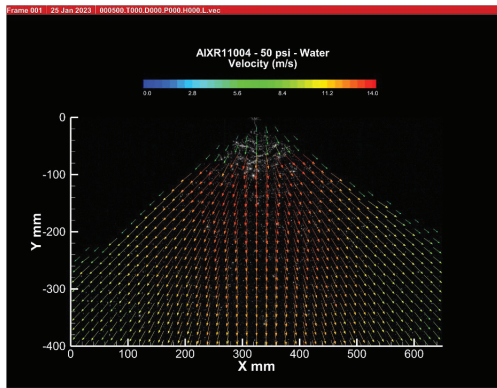
Glyphosate + InterLock

Spray Comparison Wind - XR TeeJet®

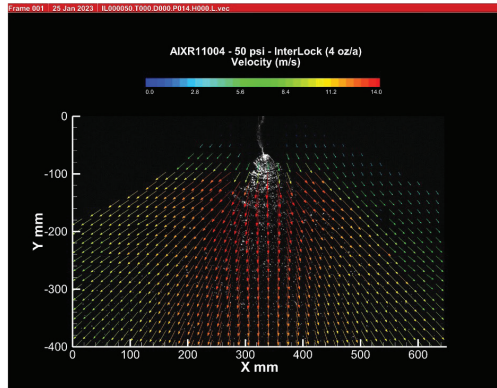
©2009 Winfield Solutions, LLC



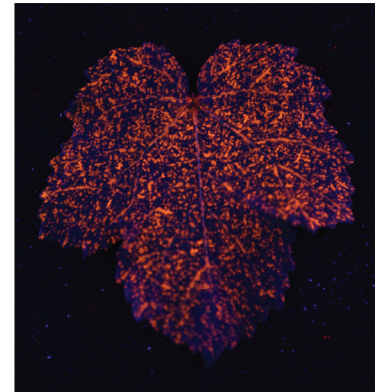
INTERLOCK SPEEDS UP THE LIQUID COMING OUT OF THE NOZZLES



WATER - AIXR



INTERLOCK - AIXR

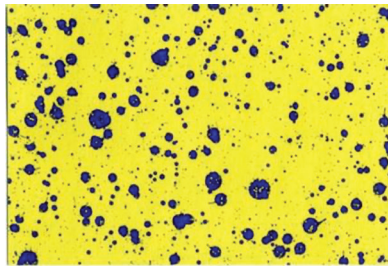


**GLUFOSINATE
38% COVERAGE**

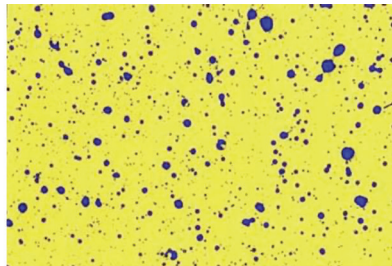
Effect of InterLock

Ave Velocity (m/s)	AIXR 11004 (50 psi)	MR 11004 (50 psi)
Water	10.81	9.52
InterLock (4oz)	11.13	10.06

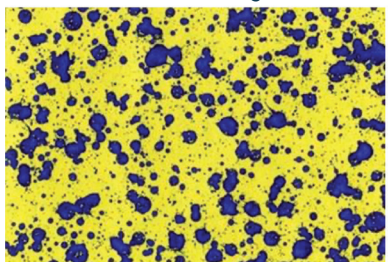
TEE JET AI 11003



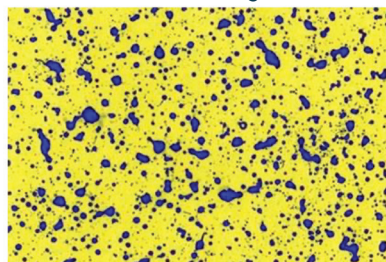
AI 11003 InterLock 10 gpa
12.38% Coverage



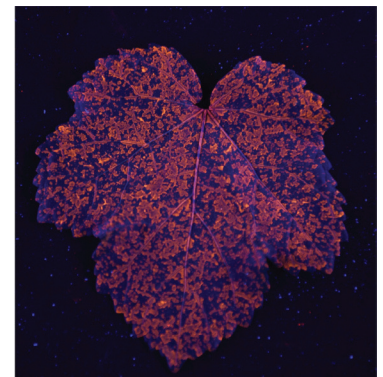
AI 11003 Water 10 gpa
6.86% Coverage



AI 11003 InterLock 20 gpa
32.79% Coverage



AI 11003 Water 20 gpa
17.36% Coverage



**GLUFOSINATE + INTERLOCK
74% COVERAGE**

