



Droplex™ Adjuvant

DEPOSITION AND DRIFT CONTROL AID
INCREASES COVERAGE AND REDUCES DRIFT



Maximize Spray Coverage and Performance

Versatile Droplex™ adjuvant improves spray deposition on intended targets and reduces spray drift. Droplex™ adjuvant works effectively with fertilizers, herbicides, fungicides and insecticides. Derived from vegetable oil, Droplex™ adjuvant reduces the amount of fine particles in the spray pattern and increases droplet speed without thickening the spray or encapsulating the product.

By keeping more spray droplets within the most effective size range, Droplex™ adjuvant reduces drift and evaporation, and improves pesticide coverage.

For best performance, select and use spray equipment properly, including boom height, nozzle type, size and pressure. Along with using sound spraying judgment and the right spray equipment and techniques, Droplex™ adjuvant is another tool to help professional applicators ensure the maximum performance of pesticides.

Features and Benefits

- Maximizes deposition and minimizes drift potential
- Helps keep droplet particles within preferred size range
- Does not encapsulate product and can increase viscosity

Ingredients

Modified vegetable oil and emulsifiers	100%
TOTAL	100%

Application Rate

Droplex™ Adjuvant Rate (fluid ounces per acre)	Spray Solution (gallons per acre)
4 to 6	5 to 25
8 to 10	25 to 50
10	> 50

When acreage is unknown, use a rate of 16 to 20 fluid ounces per 100 gallons of water.

Packaging

- 1-quart jug
- 1-gallon jug



Droplex™ Adjuvant

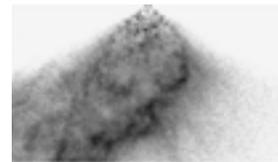
DEPOSITION AND DRIFT CONTROL AID

INCREASES COVERAGE AND REDUCES DRIFT

Results You Can See

An XR nozzle was used to spray an herbicide mixture with and without Droplex™ adjuvant. High-resolution photos show Droplex™ adjuvant greatly reduced the number of fine particles in the spray.

Wind speed 7 mph



Without Droplex™ adjuvant



With Droplex™ adjuvant

Studies Confirm Less Drift With Droplex™ Adjuvant

Studies with a boom sprayer and a hand sprayer showed more spray reaches its target with Droplex™ adjuvant in the tank. Both studies compared applications of Droplex™ adjuvant applied at 10 fluid ounces per acre in 100 gallons of water with water applied alone. In both tests, water-sensitive paper was located 6 feet from the edge of the spray boom or hand sprayer.

Boom Sprayer Study*

- Boom sprayer applications were made under sustained winds of 7 mph.
- Water-sensitive paper was placed every 2 feet, beginning at the edge of the boom.
- Result: Fewer droplets were found on all spray cards with the Droplex™ adjuvant treatment, indicating less off-target spray than with the water-only application.



Water alone



Water + Droplex™ adjuvant

*A card every 2 feet over 12 feet, totalling seven cards per replication. The trial was replicated four times, for a total of 28 cards.

Source: WinField Trial Data. St. Paul, MN. 2012

Hand-Sprayer Study*

- Hand spray applications were made under sustained winds of 6 mph.
- Water-sensitive paper was placed every 2 feet away from the spray.
- Result: Fewer droplets were found on all spray cards, indicating less off-target spray than with the water-only application.



Water alone



Water + Droplex™ adjuvant

*A card every 2 feet over 12 feet, totalling seven cards per replication. The trial was replicated four times, for a total of 28 cards.

Source: WinField Trial Data. St. Paul, MN. 2012