



DUET[®] HD

The Duet you know and trust, in a new formulation designed for aerial performance

A mainstay in adulticide programs across the country, Clarke's Duet[®] product line combines two active ingredients – Sumithrin[®] and prallethrin – to deliver fast knockdown and cause resting mosquitoes to take flight, controlling more of the natural population.

Duet HD puts everything you value about the original Duet in an all-new formulation with a patent-pending carrier complex that is ideal for routine aerial application. Working with the same active ingredients, this new carrier complex adds weight, minimizes vaporization for better cloud performance, and enhances cuticle bonding and penetration.

What you get with Duet HD is the reliable efficacy of Duet, in the most handler-friendly aerial adulticide formulation on the market.

WHAT MAKES DUET HD HANDLER-FRIENDLY?

- » No costly PPE – Apply comfortably in baseline PPE (long sleeve shirt, long pants, socks, and shoes)
- » No offensive odor
- » Non-corrosive formulation

PLUS,

- » Duet HD is 32% heavier than the original Duet formulation. It will hit the spot, and you can treat 13,000-37,800 acres per 100 gallon load
- » Crop tolerance labeling

WHERE IS DUET HD WELL-SUITED? >>

While offering flexibility and control in a wide range of operational conditions, Duet HD is ideal as a routine aerial control product in regions that deal with long flight range nuisance mosquitoes like inland floodland and salt marsh species. It's also a great fit for districts and counties who want to reduce labor and maintenance costs associated with aerial treatments.



RESPONSIBLE ROTATIONAL MANAGEMENT >>

Rotating products and modes of action in your control program is responsible stewardship, aids in resistance management, and extends the efficacy life of all products.

Application Guidelines

Duet HD is labeled for aerial applications and should be applied when environmental conditions are favorable for ULV applications. Always read and follow label directions prior to application. For optimal performance:

- » Apply between 0.33 and 0.99 fluid ounces per acre by fixed wing or rotary aircraft equipped with suitable ULV application equipment
- » Calibrate nozzles for droplets with volume median diameters of less than 60 microns. VMDs of 30-35 microns have shown to produce optimal droplet densities ($\geq 200 \text{ cm}^2$) in field trials
- » Apply at the lowest safe spray heights for your treatment block, while following the label regulations for aircraft type (≥ 75 feet for rotary; ≥ 100 feet for fixed wing)
- » Apply at wind speeds of at least 3-5 MPH, depending on flight altitudes, per label instructions
- » Offset calculations highly recommended



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GLOBAL HEADQUARTERS

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