

# AirCover® Adjuvant

AirCover® adjuvant contains organosilicone and nonionic surfactants to promote fast spreading, uniform distribution and absorption of spray products. Labeled for use in turf, ornamental, industrial vegetation, aquatics and pest control sites, AirCover® adjuvant can be used with herbicides, insecticides, fungicides, nutrients and other pesticides to improve coverage and uptake.

## APPLICATION RATE:

6 to 32 ounces per 100 gallons

## INGREDIENTS:

**99%** Polyalkyleneoxide modified polydimethylsiloxane and nonionic surfactants

**1%** Constituents ineffective as spray adjuvant



ORNAMENTAL



AQUATICS  
(not in WA)



LAWN  
CARE



GOLF  
MANAGEMENT



PEST

## FEATURES & BENEFITS

- Helps reduce surface tension so droplets spread out over a larger area
- May improve spray coverage and penetration in dense canopies
- Helps promote increased pesticide and nutrient absorption and efficacy

## RESULTS

**Left:** straight product

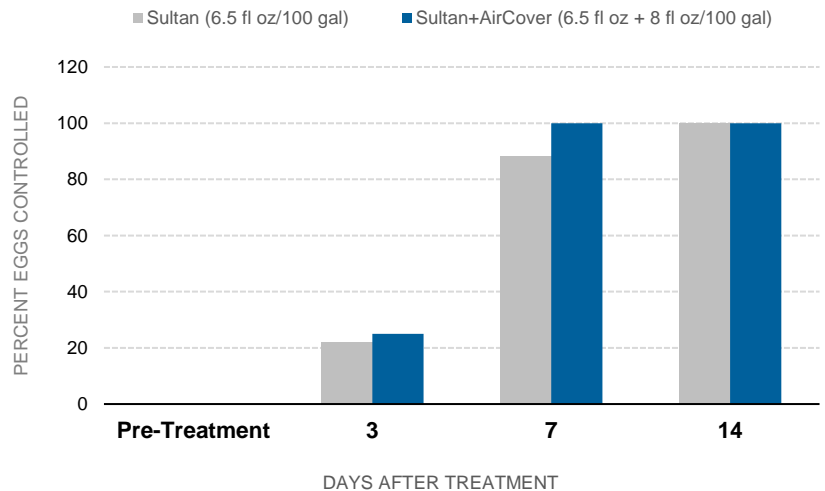
**Right:** with Aircover®



## IMPROVED THE SPEED OF KILL

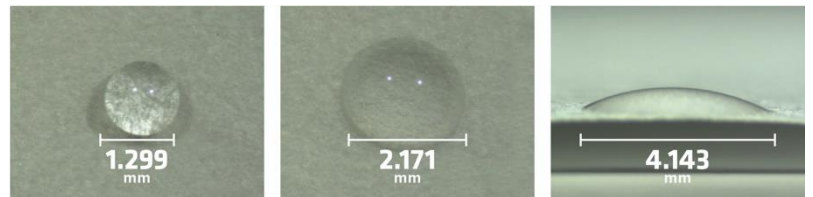
The addition of AirCover® at 8 fl oz per 100 gal to Sultan miticide increased control of two spotted spider mite eggs on Butterfly Bush at 3 and 7 days after treatment, but did not increase overall control at 14 days after treatment.

Chong, J.C. Clemson University, 2013



## DROPLETS SPREAD 3.2X MORE THAN WATER ALONE

Droplets were placed on wax paper to determine the effective droplet spread. AirCover® spread droplets 3.2 times more than water alone and 1.9 times more than a standard non-ionic surfactant. Improved droplet spread leads to improved surface coverage and potentially more product uptake.



**Left:** Water

**Middle:** Standard Non-Ionic Surfactant

**Right:** AirCover®



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