



## MasterLock® adjuvant: Designed for Insecticide and Fungicide Applications in Corn and Soybeans.

MasterLock® adjuvant combines the proven drift and deposition of InterLock® adjuvant and DropTight™ additive, an exclusive non-ionic surfactant, to specifically enhance the performance of fungicide and insecticide applications in mid to late post applications to corn and soybeans:

- Improves spray deposition
- Increases canopy penetration
- Droplet sticking and spreading – enhances adhesion to reduce bounce and increase droplet spreading for more coverage
- Reduces spray drift and evaporation of pesticides
- NPE free, therefore will not contribute to arrested ear

### Drives spray applications down into the canopy

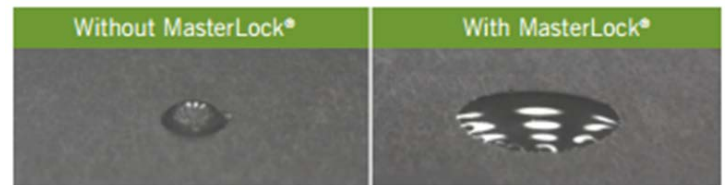
To control diseases and insects that live below the canopy, MasterLock enhances deposition to deliver fungicides and insecticides lower in the canopy for improved coverage of the plant.



Improved droplet adhesion and canopy penetration on soybean with (right) and without (left) InterLock® technology in MasterLock® adjuvant.

### InterLock® + a DropTight™ Surfactant

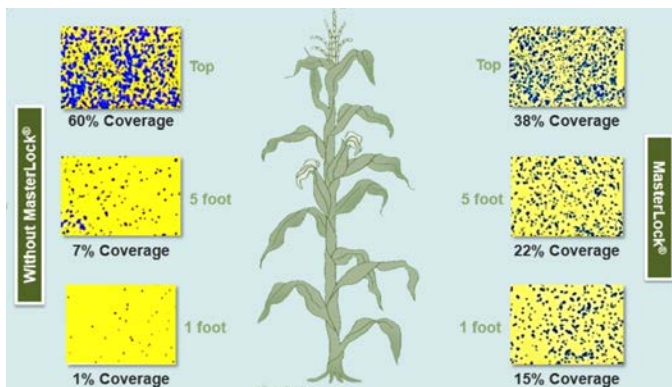
InterLock does a superior job at eliminating fines and driving droplets down into the canopy, which is very important for late season fungicide and insecticide applications. Add Winfield United's DropTight, which helps droplets hit and stick onto the leaf and MasterLock® is created. A perfect fit for those insecticide and fungicide applications.



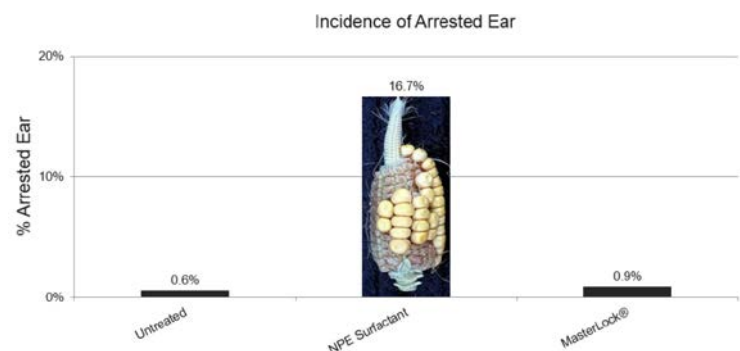
Increased droplet spread and adhesion with (right) and without (left) MasterLock® adjuvant.

### MasterLock is Not Formulated with NPE

MasterLock is not formulated with NPE. NPE has been linked to Arrested Ear Syndrome in corn, mostly when applied during vegetative applications.



20" rows; tasseled corn; 20 GPA; flat fan 8003; south wind 4-8 mph; water sensitive paper

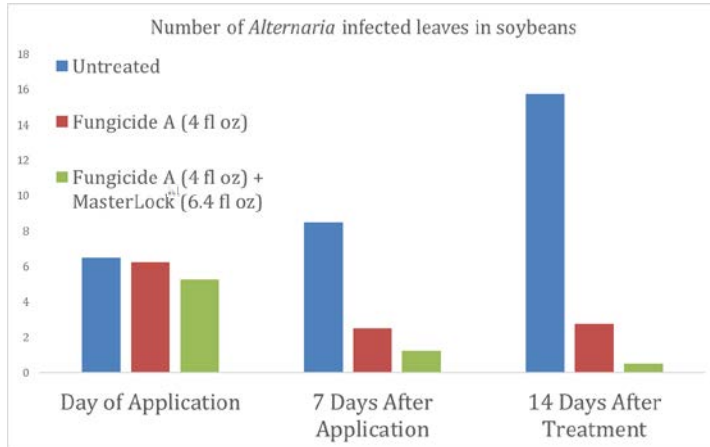


Location: Summary of 2010, 2011 data from UWRF, Answer Plots (MN, IN); 14 locations.

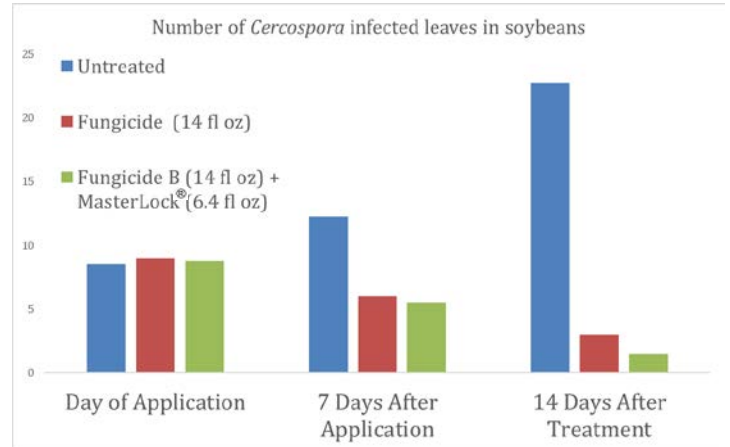


## MasterLock® increases control of Insecticides and Fungicides

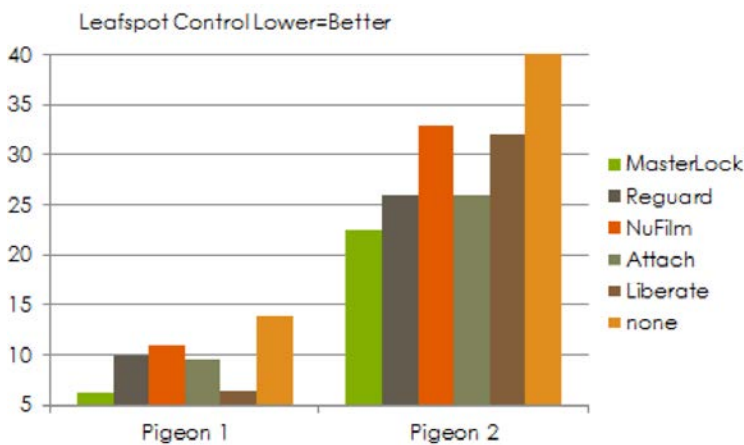
In numerous research trials MasterLock® has shown to decrease the incidence of infection from diseases.



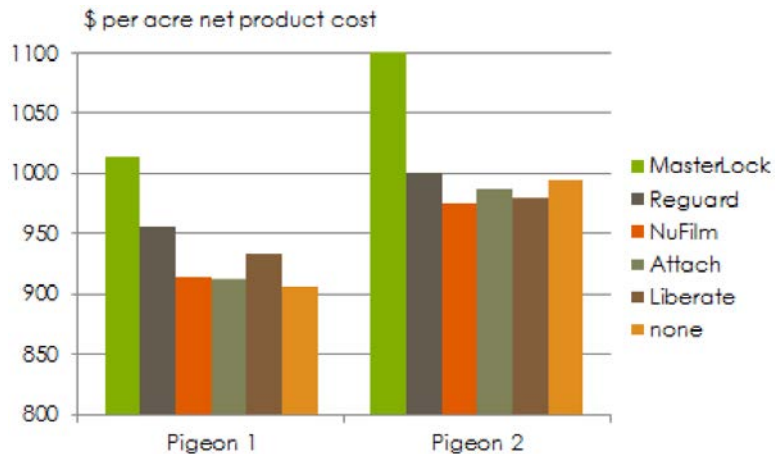
Source; Phillips Ag Consultant/Research; Robertson, TX, 2012



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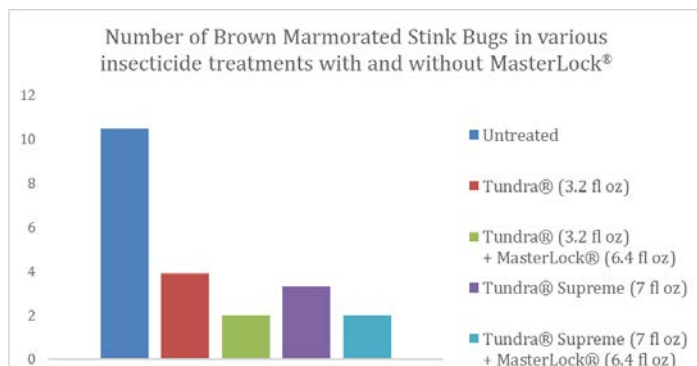


Source; Michigan Sugar; Pigeon, MI, 2017



Source; Michigan Sugar; Pigeon, MI, 2017

MasterLock also can help improve insect control with insecticides.



Source; Phillips Ag Consultant/Research; Robertson, TX, 2013



### USE RATE†

Ground: 6.4 ounces per acre  
Aerial: 1 gallon per 100 gallons (but not <4 ounces per acre)