

Silwet

BY MOMENTIVE

Improved Coverage
Less Insecticide
Increased Yield

30 - 70 % REDUCTION
IN SPRAY VOLUME

Silwet* STIK 2 Spreader-Sticker
for Use on Pineapple Crops



Crop:
Pineapple

Location:
Costa Rica

Adjuvant:
Silwet STIK 2 Spreader-Sticker

Adjuvant Rates:
0.025%; 0.05%

Insecticides:
Diazinon insecticide
(60 EC 2400 g/l)

Pesticide rates used:
4 liters/ha

Pest:
Mealybug
(Dysmicoccus brevipes)

Application:
Tank mix

Spray Rates:
3000 L/ha;
2000 L/ha and 1000 L/ha

The Challenge

Unfortunately for fruit growers, a climate well suited for growing tropical fruit may also be conducive to mealybugs. Harmful to many tropical fruits, including mangoes, bananas and papayas, mealybugs are especially damaging to pineapples. If you have not experienced it yourself, a mealybug infestation can have a devastating impact on pineapple production yields.

Pineapple growers typically control mealybugs with spray treatments of insecticides like Diazinon 60EC insecticide. While growers must ensure that insecticide treatments adequately halt the proliferation of these pests, they also face the ongoing challenge of keeping production costs down.

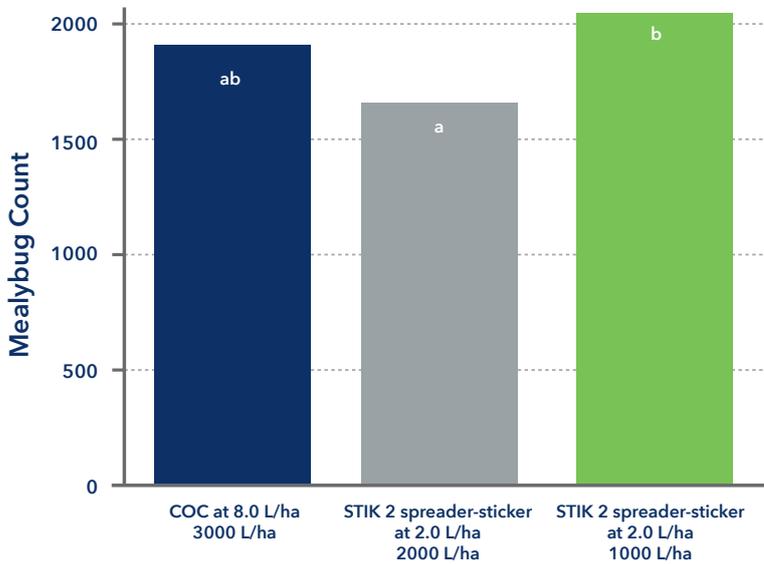
The Application

An effective way to lower costs is to improve the coverage of the insecticide treatment. Silwet STIK 2 spreader-sticker makes this possible by providing both excellent spreading and sticking performance during application. These properties provide superior coverage on the crop, enabling lower spray volumes, which equates to more acres treated per tank mix. Improved coverage also means improved control, helping to increase crop health and yield. These benefits help a grower to save time and money, while improving revenues.

To demonstrate its specific benefits, Silwet STIK 2 spreader-sticker was trialed with Diazinon 60EC insecticide on pineapple crops in Costa Rica.



Total Cochineal Count at the Final Assessment



Note: Test data. actual results may vary.

The Results

Trials demonstrated the insecticide treatment incorporating Silwet[®] STIK 2 spreader-sticker provided improved control of mealybugs while treating more hectares per tank. Results included the following:

A **30 percent** reduction in spray volume compared to standard treatment produced superior control of mealybugs.

A **70 percent** reduction in spray volume compared to standard treatment produced equivalent control of mealybugs.

As much as **3 times** more hectares per tank were effectively treated.

Results sharing common postscripts are not significantly different ($P \leq 0.05$)

COC = Crop Oil Concentrate adjuvant



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