

# Silwet\* 618

Spray Adjuvant to control Red Mites on Taros



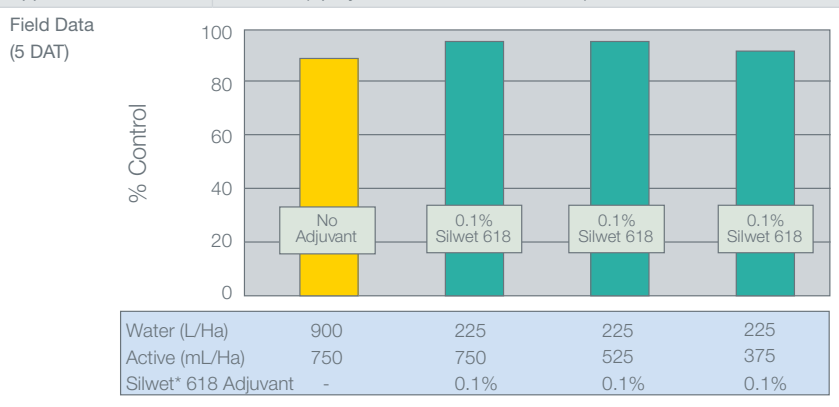
## Application

Taro is a very important vegetable and food in China. Red mites are pests causing severe damage to taro leaves. To ensure high crop yields and better quality, growers treat taro plants with acaricides, such as Clofentezineon.

Momentive's **Silwet 618** spray adjuvant is a typically cost-effective wetting agent, used where spray coverage is needed on foliar surfaces without any rapid pesticide uptake. Since Silwet 618 spray adjuvant is a unique spreader adjuvant with much lower surface tension than most commercial surfactants, it can enhance pesticide spray coverage even at significantly lower spray volumes. To demonstrate its specific benefits, the Silwet 618 spray adjuvant was trialled with standard Clofentezineon SC spray treatments on taro plants.

## Field Trials

Location	Shandong, China
Crop	Taro
Insecticide	Clofentezineon 20% SC (Pesticide Rates: 750 g/Ha ; 525 g/Ha ; 375 g/Ha)
Insect	Red Mites ( <i>Empoasca vitis</i> (Gothe))
Spray Adjuvant	Silwet 618 (Adjuvant Rates: 0.1%)
Application	Tank-mix (Spray Rates: 900 L/Ha; 225 L/Ha)



Note: Test data. Actual results may vary.

## Results

Trials demonstrated the following benefits from the Silwet 618 spray adjuvant addition to Indoxacarb sprayed on taro plants: 99 % or better control of red mites on taros after 7 DAT.

- Silwet 618 spray adjuvant can greatly help the wetting and spreading
- 75% less spray volumes, resulting to lower application costs
- 30-50% lower Clofentezineon pesticide dose rates with equivalent performance

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