

Silwet* 408

Spray Adjuvant to control Weeds in Kinnow



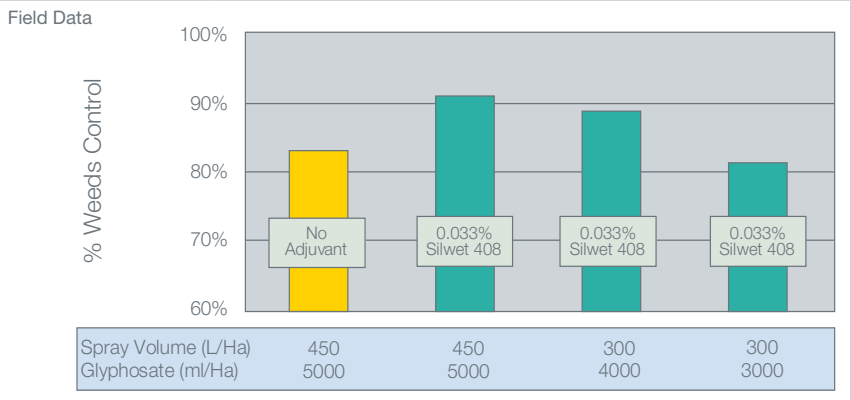
Application

410,000 tons of kinnows are produced each year in India. Kinnows are mainly grown in the state of Punjab. Growers usually treat the kinnows fields with Glyphosate herbicides to stem the proliferation of weeds such as *Cynodon dactylon* and *Panicum repens* and ensure high crop yields and better quality.

Momentive's **Silwet 408** spray adjuvant is a unique superspreader, used to enhance the spray coverage and the uptake of the pesticide even at significantly lower spray volumes. To demonstrate its specific benefits, Silwet 408 spray adjuvant was trialled with Glyphosate treatments on kinnows crops.

Field Trials

Location	Hosiarpur, Punjab, India
Crop	Kinnow
Herbicide	Glyphosate (Pesticide Rates: 5000 ml/Ha; 4000 ml/Ha ; 3000 ml/Ha)
Pest	<i>Cynodon dactylon</i> , <i>Panicum repens</i>
Adjuvant	Silwet 408 (Adjuvant Rate: 0.033%)
Application	Tank-mix (Spray Rates: 450 L/Ha; 300 L/Ha)



Note: Test data. Actual results may vary.

Results

Field trial results demonstrated the following specific benefits resulting from the addition of the Silwet 408 spray adjuvant to the standard Glyphosate spray treatments applied on kinnows crops:

- 92% control of weeds with Silwet 408 spray adjuvant versus 83% control with no adjuvant
- 33% spray volume reduction resulting to lower application costs
- 40% lower Glyphosate pesticide dose rates

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