



ADAMA

## Primal<sup>®</sup> Insecticide



### Product overview

Primal insecticide is registered for the control of a range of key sucking pests in cotton. The broad application rate range enables targeted control according to the pest spectrum.

### Key features

- Controls five key sucking pest species, making it an excellent option for mixed populations of target pests
- Translaminar and local systemic activity

### Target pests of cotton

Target Pest	Rate mL/ha
Cotton aphid	55-113
Silverleaf whitefly	225-380
Green mirid	
Green vegetable bug	380
Jassids	

### Adjuvant

Always apply Primal with either a non-ionic surfactant or organosilicone adjuvant, e.g. Pulse\* Penetrant. Where Silverleaf Whitefly is the primary pest target, apply with Hasten\* at 1 L/ha.

### Product information

**Active ingredient:**  
200 g/L acetamiprid

**Mode of action:**  
Group 4A Insecticide

**Formulation:**  
Soluble Concentrate (SL)

**Target pests:**  
Cotton aphid, Green mirid,  
Green vegetable bug,  
Jassids and Silverleaf whitefly

### Application information

**Application timing:**  
Apply when pests reach  
industry action thresholds

**Water volume:**  
Ground: minimum 50 L/ha  
Aerial: minimum 20 L/ha

**Spray quality:**  
Medium

**Re-entry period:**  
When spray has dried

**Rainfastness:**  
When spray has dried



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# Primal® Insecticide

**Table 1: Product comparison – Sucking pests in cotton**

Product	Active Ingredient	MOA Group	Registered cotton pests and activity rating				
			Silverleaf whitefly	Green mirid	Jassids	Green vegetable bug	Cotton aphid
Primal®	Acetamiprid 200 g/L	4A	+++	+++	+++	+++	++++
Transform*	Sulfoxaflor 240 g/L	4C	-	+++	-	-	++++
Regent*	Fipronil 200 g/L	2B	-	++++	-	++++	-
Mainman*	Fonicamid 500 g/Kg	29	-	++	-	-	+++
Starkle*	Dinotefuran 200 g/kg	4A	+++	+++	-	+++	-
Shield*	Clothianidin 200 g/L	4A	-	+++	+++	+++	+++

- Not registered. + Not effective. ++ Suppression. +++ Good/reliable. ++++ Excellent.

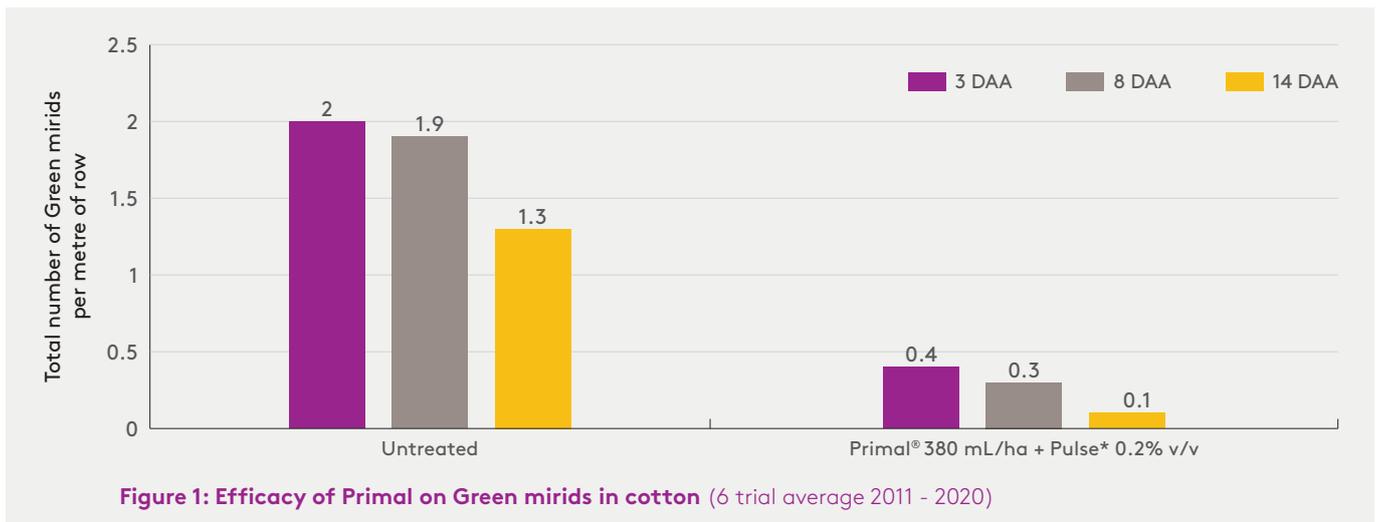
## Green mirid and Silverleaf whitefly control

Primal is an effective solution for key sucking pests, such as Green mirids and Silverleaf Whitefly. Trials conducted between 2011 and 2020 (Figure 1) demonstrate the efficacy and residual control of Primal on Green mirids up to 14 days after application. Apply Primal when pest numbers reach action thresholds. When targeting Green mirids and Silverleaf Whitefly, use the higher rate when conditions favour a rapid increase in the whitefly population and for longer residual control. Primal should be applied prior to heavy populations of Silverleaf whitefly becoming established in the crop.

## Withholding periods

**Cotton:** Do not harvest for 10 days after application

DO NOT graze or cut for stock food



**Figure 1: Efficacy of Primal on Green mirids in cotton (6 trial average 2011 - 2020)**



Scan here for more information

Refer to label for specific application recommendations.  
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