



ADAMA

Alpha-Scud® 300 insecticide

Alpha-Scud 300 is a unique, high concentration formulation of alpha-cypermethrin, one of the world's most widely-used and trusted synthetic pyrethroid insecticides.

Product overview

Alpha-Scud 300 is registered for use in a wide range of broadacre and horticultural crops in Australia. Unlike other high concentrate alpha-cypermethrin formulations, Alpha-Scud 300 is a suspension concentrate formulation whose low odour and reduced skin sensitisation provides greater safety for farm workers. Extensive field testing has confirmed Alpha-Scud 300 has excellent physical compatibility with many common tank-mix partners whilst maintaining good crop safety.

Protecting establishing winter broadacre crops (winter cereals, winter pulses and canola)

- Alpha-Scud 300 provides rapid control of SP-susceptible populations of red legged earth mite (*Halotydeus destructor*) [RLEM] on emerged cereals and at a relatively low use rate.
- Excellent compatibility with early post-emergent herbicides in winter cereals, such as Triathlon® and Quadrant™.
- Where extended residual is required due to prolonged RLEM pressure on emerged cereal crops, robust rates of Venom® 240 (240 g/L bifenthrin) or Pynex® Super (400 g/L chlorpyrifos, 20g/L bifenthrin) should be used.
- Pynex Super should be used if mixed populations of RLEM, balaustium mite (*Balaustium medicagoense*) and bryobia mite (*Bryobia* spp.) are present under ideal pest development conditions.

At a glance

User-friendly formulation	Alpha-Scud 300 is a suspension concentrate formulation whose low odour and reduced skin sensitisation provides greater safety for farm workers.
Convenient, ultra-low application rates	Alpha-Scud 300 is applied at ultra-low application rates compared to standard alpha-cypermethrin 100 EC formulations.
Excellent compatibility	Alpha-Scud 300 has excellent physical compatibility with many common tank-mix partners.
New registrations	Alpha-Scud 300 is now registered for the control of green mirid (<i>Creontiades dilutes</i>) in mungbeans, navy beans and sorghum and green vegetable bug (<i>Nezara viridula</i>) in mungbeans and navy beans.
Easy storage	Alpha-Scud 300 is a non-flammable formulation. Alpha-Scud 300 is available in an easy-to-use 60 L enviro pack (limited time only).



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Control of chewing pests in established winter broadacre crops (winter cereals, winter pulses and canola)

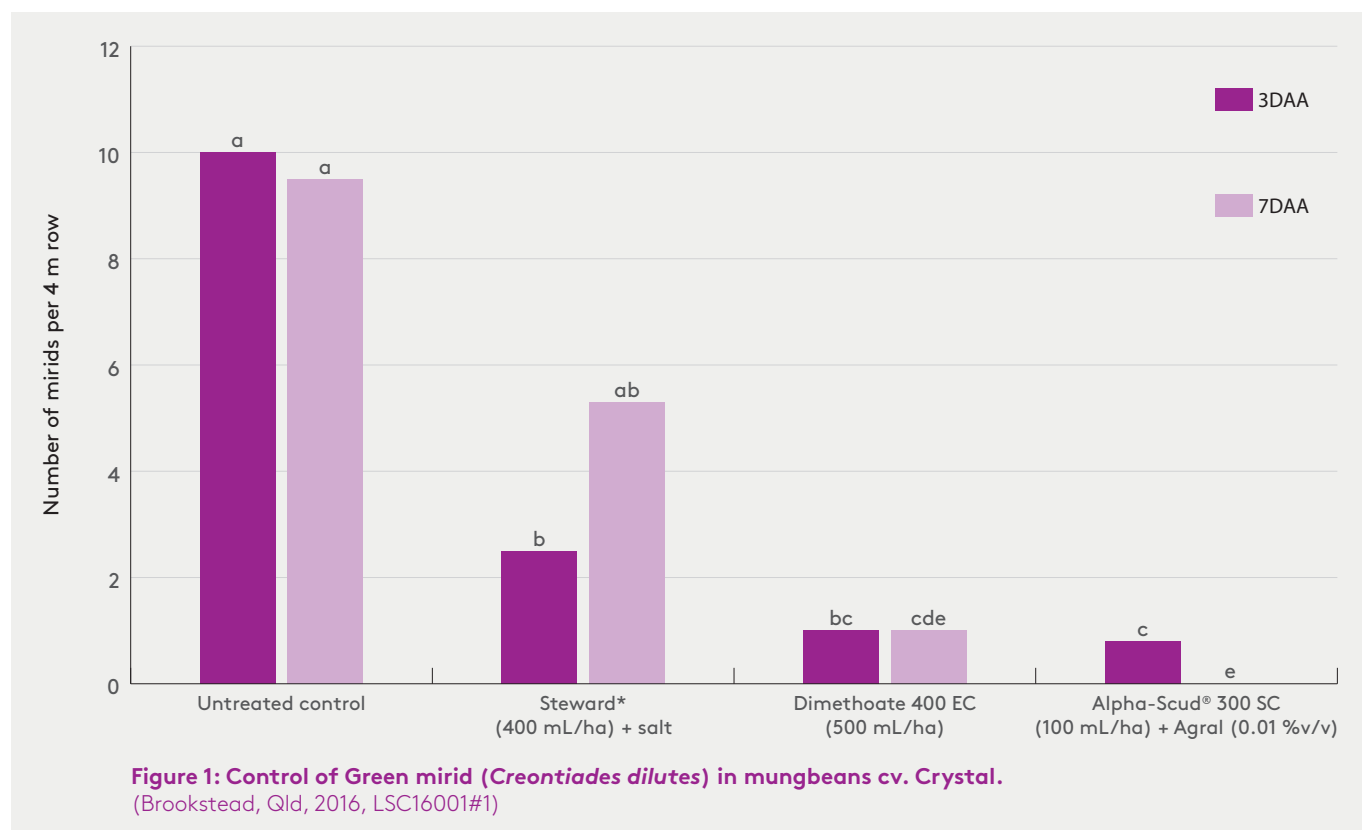
- Monitor regularly for native budworm (*Helicoverpa punctigera*), common armyworm (*Mythimna convecta*), southern armyworm (*Persectania ewingii*) and cutworm (*Agrotis* spp.)
- Use monitoring (e.g. ADAMA Trapview) to determine the mix of *Helicoverpa* species in the field population and the potential for high egg-laying scenarios.
- Where possible, target early instars and monitor for population dynamics as increased ratios of cotton bollworm (*Helicoverpa armigera*) may reduce the efficacy of control program.
- If cotton bollworm is suspected/confirmed within the population, switch to a registered insecticide that has no current resistance profile to this pest.

Summer pulses (mungbeans, soybeans, adzuki and navy beans)

- Monitor regularly via beat sheeting for *Helicoverpa*, green mirid and green vegetable bug.
- Adhere to economic thresholds set by industry to reduce unnecessary applications causing excessive disruption to beneficial populations by Alpha-Scud 300.
- Due to high resistance of synthetic pyrethroids to cotton bollworm (*Helicoverpa armigera*), Alpha-Scud 300 should only be used to target green mirid, green vegetable bug and native budworm (*H. punctigera*).
- Where cotton bollworm (*H. armigera*) is present, mix Alpha-Scud 300 with a registered insecticide with low incidence of resistance whilst adhering to IRMS in your region.

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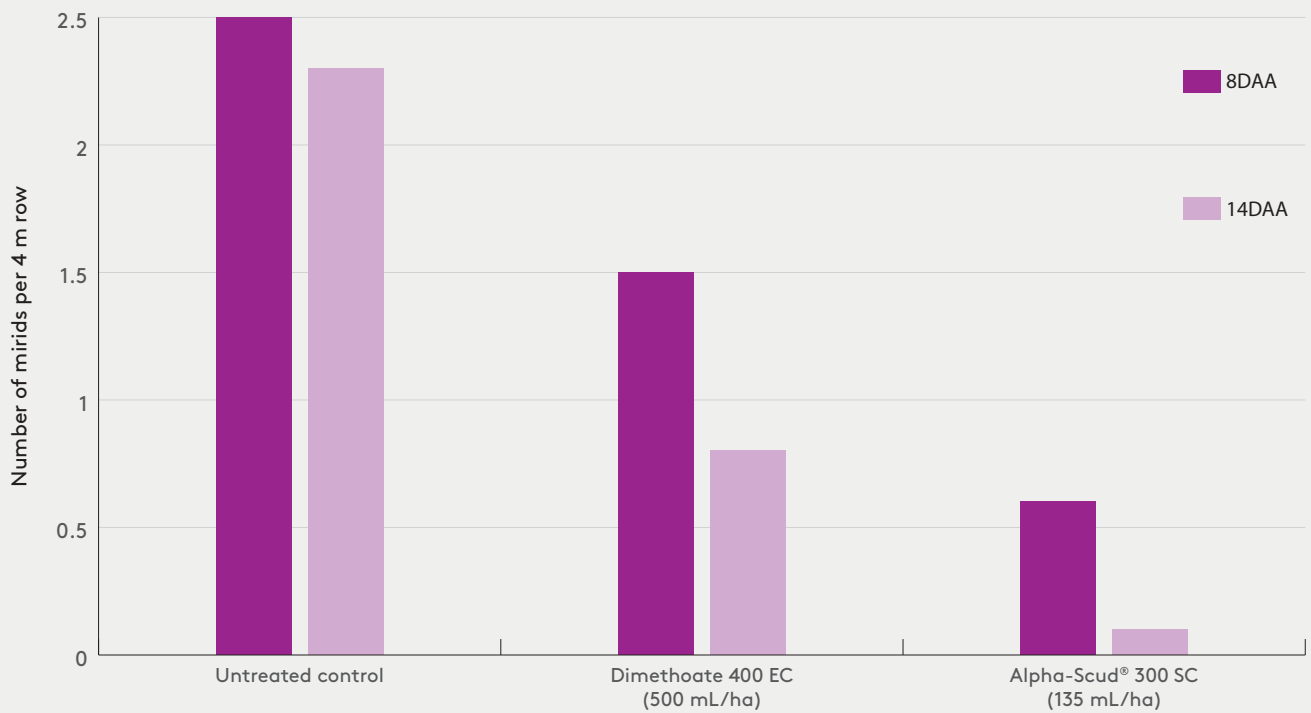


Figure 2: Control of Green vegetable bug (*Nezara viridula*) in mungbeans cv Jade. (Brookstead, Qld, 2016, ADA14370#3) Note: Dimethoate is registered for the control of Green Vegetable Bug in Soybeans, not Mungbeans.

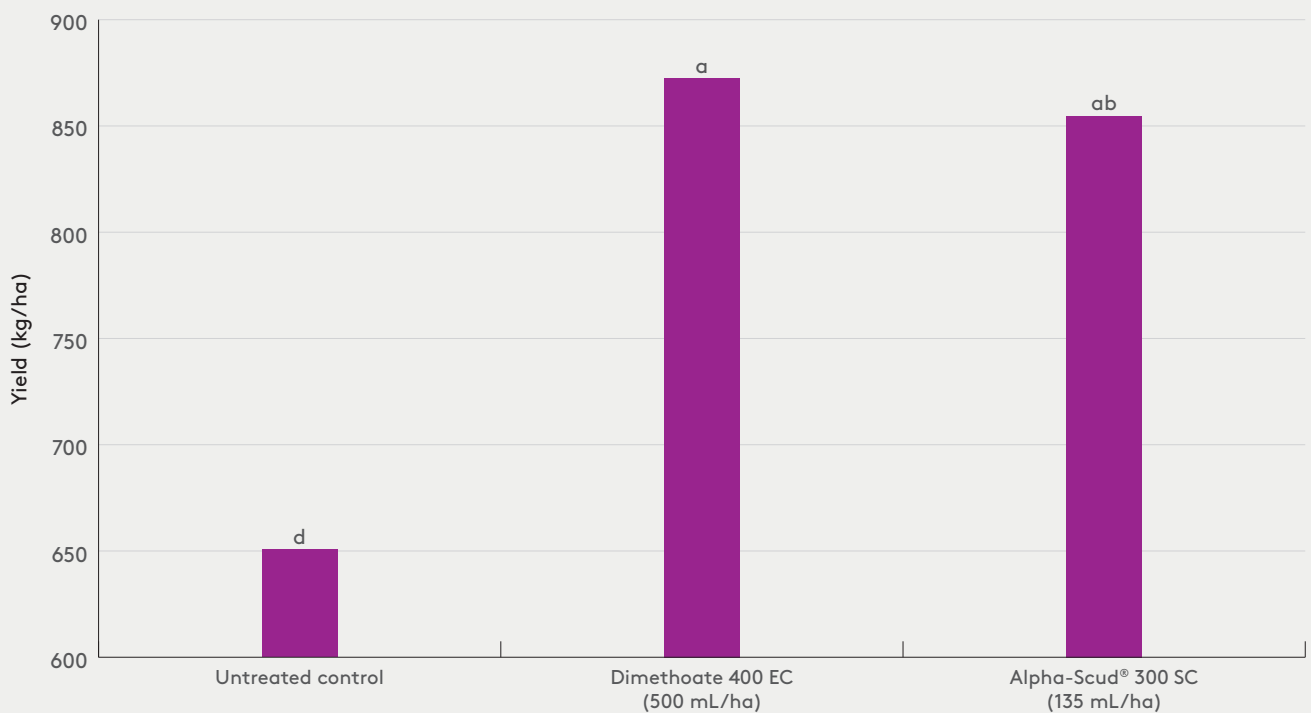


Figure 3: Yield following application for the control of Green vegetable bug (*Nezara viridula*) and Green mirid (*Creontiades dilutes*) in mungbeans cv Jade. (Brookstead, Qld, 2016, ADA14370#3) Note: Dimethoate is registered for the control of Green Vegetable Bug in Soybeans, not Mungbeans.

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Compatibility

The following products and tank-mixes are compatible with Alpha-Scud 300 SC (Table 1). Most compatibility tests were conducted with Alpha-Scud 300 SC at 100 mL/ha and partners at recommended rates. Any potential crop safety risks and/or any minor mixing issues are likely to be reduced at lower rates. Always observe the label requirements of the mixing partner, including recommended crop stage, spray volumes etc. Compatibility is limited to those specific products

and product manufacturers listed unless an alternative product is clearly an equivalent formulation. Products containing varying concentrations of active constituents to those listed may not be compatible with Alpha-Scud 300 SC. Adverse environmental conditions, such as heat stress, drought, nutrient deficiency or anything else that can stress the crop, can compound adverse effects to the crop and should be avoided when tank-mixing. Always consult product label before use.

Table 1: Alpha-Scud 300 SC compatibility

Fungicides	Herbicides	Insecticides	Others
Bumper® 625	Shogun® + Hasten*	Lascar®	Glytrell ZnP
Captan®	MCPA 750	Aphidex® 800	+ Wetspray®
Cavalry®	Mandate® + Hasten*	+ Wetspray®	Hasten*
Weatherguard	Cavalier® 240 EC		(2-5 L/ha ULV application)
Chief® Aquaflo	Zulu® XT		Expedient*
Veritas®	Triathlon®		(2-5 L/ha ULV application)
Howzat®	Colt®		
Radial®	Flagship® 400		
Soprano® 500	LVE MCPA 570		
+ Wetspray®	Wipe-Out® 450 + Liase*		
Orius® + Wetspray®	Wipe-Out® Pro + Liase*		
Radial® + Flexi N	Spinnaker® + Wetspray®		
Bumper® 625 + Flexi N	Wipe-Out® Pro + Farmozine®		
	+ Trilogy®		
	Wipe-Out® Pro + Rustler* + Trilogy®		
	Wipe-Out® Pro + Zulu® XT		
	Spraytop® + Rustler* + Trilogy®		
	Spraytop® + Zulu® XT		
	Triathlon® + Flexi N*		
	Wipe-Out® Pro + Rustler*		
	+ Trilogy® + Flexi N*		
	Simanex®		
	Mancozeb 750		
	Weedmaster Argo* + Liase*		
	Quadrant™		

NB: The following mixtures are not compatible with Alpha-Scud 300 SC:

- Roundup UltraMax* + Liase*
- Wipe-Out® Pro + Diuron + Trilogy®



Scan here for more information

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