



The iconic Aussie adjuvant in the trusted green can



- Australian made ✓
- With Australian canola oil ✓
- For Australian farmers ✓
- Cross-labelled on 27 pesticides brands ✓



www.vicchem.com
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Hasten™ cross labelled with Skope™

Launched by Vicchem in 1994, Hasten has become a home-grown success story for the Melbourne-based adjuvant company due to its growing popularity across the crop protection industry and farming fraternity.

Vicchem's business development manager, **Owen Connelly**, said Hasten was one of the few brands in the broadacre and cotton adjuvant market today that could genuinely claim 'Aussie icon' status.

"The fact that Hasten is made by Australia's own Vicchem for local farming conditions - using Australian-grown canola oil - is reassuring for many grain, cotton and oilseed producers these days," he said.

"Plus Hasten has a very solid research base. It's manufactured to the highest quality standards and subject to ongoing trials to ensure safety to users, crops and the natural environment."

The latest endorsement from Adama brings to 27 the number of major herbicides and insecticides used by cotton and broadacre farmers that are cross-labelled with Hasten.

National marketing manager for Adama, **Adam Phelan**, said the inclusion of Hasten on Skope's product use label reflected the high level of trust and confidence in Hasten.

"Skope is registered for wide-spectrum performance against many cotton pests including Green Mirid, Silverleaf Whitefly, Heliothis, Cotton Aphid and Green Vegetable Bug," said Mr Phelan.

"At Adama, we take pride in the quality of our insecticides and place great importance in optimising the insect control provided by Skope.

"Throughout the development phase of Skope, we noticed Silverleaf Whitefly control was significantly improved when applied with Hasten and so we have included it as our label recommendation when targeting this difficult pest.

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“We wanted to ensure Skope performs to the highest standard so recommending it be applied with a quality adjuvant makes a lot of sense. Applied together, Hasten and Skope are proven performers.”

Mr Connelly said other leading crop protection brands that have endorsed the patented technology of Hasten over the past 20 years include Bayer, Sumitomo, Sipcam and BASF.

Adjuvant safety studies

Vicchem’s research division, technical manager **Peter Jones** reminded resellers and agronomists of encouraging results from recent studies into adjuvant safety in relation to users, crops and the natural environment.

Mr Jones said all adjuvants had the potential to cause crop phytotoxicity which plant chemists believed was due to cellular breakdown.

“Based on our long term studies, canola-derived Hasten produced relatively less cell damage than mineral oil adjuvants including Uptake and non-ionic surfactant adjuvants including BS1000,” he said.

On environmental safety, Mr Jones said Vicchem had also studied the effect of these same adjuvants on beneficial insects and predatory mites.

“Our results showed that Hasten was generally safer than the other two adjuvants tested, which can be harmful to predatory green lacewing, predatory mite and parasitic wasp when sprayed directly at typical use rates.”

In other news, Mr Jones said Vicchem was exploring opportunities to use some of the outstanding properties of Hasten in the development of new products, tailored-made for certain pesticide types.

“A key strength of Hasten is its ability to help systemic selective herbicides penetrate the waxy cuticle of target weeds without damaging crops.

“We are now trying to incorporate those properties of Hasten into new adjuvant products in a targeted way.

“For example, we are designing an adjuvant that will one day be recommended for knockdown herbicide use only and another that is specifically formulated for use with systemic fungicides.

“Ultimately, it’s about being more exact with the science and using novel ingredients to get the best result from every pesticide type and application scenario.”



Peter Jones and Owen Connelly outside Vicchem’s Headquarters

For more details, contact Owen Connelly at Vicchem on (03) 9301 7000 or go to www.vicchem.com.au

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Hasten Cross-labelled Pesticide Use		
Product	Chemical Company	Hasten rate / 100L of spray volume
Arvesta Motsa*	Tomen/Arysta	1L
Atlantis*	Bayer	1L
Blazer*	UPL	1L
Cheetah* Gold	Bayer	1L
Decision*	Sipcam	1L
Flame* 240g/L product only	BASF	1L
Gesaprim* and other atrazine products	Syngenta	0.5-1L
Hammer*	FMC	0.5-1L
Hussar*	Bayer	1L
Intervix*	BASF	0.5L
Logran* B-Power	Syngenta	0.5L
Midas*	BASF	0.5L
Movento	Bayer	0.5 -1.0 L/Ha
OnDuty*	BASF/Cropcare	0.5L
Precept*	Bayer	0.5 – 1L
Raptor* WG	BASF	0.5 or 1L
Select* and other Clethodim 240EC products	Sumitomo	0.5 – 1L
Sharpen*	BASF	1L
Shogun*	Adama/Farmoz	0.5L
Spinnaker* and other 700g/Kg Imazethapyr products	BASF	0.5L
Targa*Bolt	Sipcam	1L
Terbyne*	Sipcam	0.5L
Topik* and other Clodinafop 240EC products	Syngenta	0.5L
Tordon* Regrowthmaster	Dow	0.5L
Skope	Adama	1.0L/Ha
Valor	Sumitomo	0.5 – 1.0L
Velocity*	Bayer	1L

In Australia's major broadacre cropping, pasture and cotton markets, Hasten is now cross-labelled on 27 herbicides and insecticides.