

Cotton Solutions

1800 4 ADAMA

info.au@adama.com





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O @adama_aus



in @adamaaustralia



Skope»

Excellent performance on key pests including Silverleaf Whitefly and Green Mirid with flexible use timings.

- Choosing Skope insecticide gives you excellent performance against key cotton pests, including Green Mirid, Silverleaf Whitefly, Heliothis spp, Cotton Aphid and Green Vegetable Bug
- With two modes of action, IPM fit and no mite flaring, Skope makes no compromises when managing multi-pest scenarios in Bollgard^{*} cotton.

Insecticide Usage Guide

Product	Formulation Type	MOA	Heliothis	Thrips	Green Mirid	Mites	GVB	SLWF	Aphids	Wireworm & False Wireworm	Apple Dimpling Bug	Jassids
ALBATROSS® fipronil 200 g/L	SC	2B										
ALPHA SCUD® 300 alpha cypermethrin 300 g/L	SC	3A										
APHIDEX® 800 pirimicarb 800 g/kg	WG	1A										
DIMETHOATE dimethoate 400 g/L	EC	1B										
ELECTRA® 225 methomyl 225 g/L	EC	1A										
LASCAR® pyriproxifen 100 g/L	EC	7C										
PRIMAL® acetamiprid 200 g/L	SL	4A										
PYRINEX [®] SUPER chlorpyrifos 400 g/L bifenthrin 20 g/L	EC	1B / 3A										
RECEPTOR® diafenthiuron 500 g/L	SC	12A						S				
SKOPE [®] acetamiprid 218 g/L emamectin 32.5 g/L	DC	4A / 6				S						
STRIKE OUT [®] 500 EC chlorpyrifos 500 g/L	EC	1B										
VENOM [®] 240 bifenthrin 240 g/L	SC	3A										
WARLOCK® emamectin 17 g/L	EC	6			S	S						
WIZARD® 36 abamectin 36 g/L	EC	6										

S Suppression 🛕 Control MOA: Mode of Action

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GVB: Green Vegetable Bug

SLWF: Silverleaf Whitefly



Skope[®]

SKOPE® is a unique insecticide ideal for managing multi pest scenarios in cotton crops. It combines two powerful active ingredients to provide effective and versatile control of key sucking and chewing pests.

- Contains acetamiprid 218 g/L + emamectin 32.5 g/L in a DC formulation
- Highly suitable for mid and late season applications where multiple pests are present •
- Moderate impact on beneficials •
- Will not flare mites and aphids •
- Ability to control up to moderate infestations of Silverleaf Whitefly
- SKOPE® has an excellent fit in both Bollgard* III and conventional cotton crops



Skope[®] controls the key insect pests of cotton (Two spotted mite is suppression only).

Primal[®]

- Silverleaf Whitefly added to the label at 225 to 380 ml/ha
- Green Vegetable Bug and Jassids added to the label at 380 ml/ha
- Mirids rate increased 225 to 380 ml/ha
- Provides excellent control of cotton aphid
- Excellent option for multi-sucking insect pest control

Wizard[®] 36

- Proven efficacy on Two Spotted Mite
- Fast acting knockdown and residual activity
- Double strength formulation for ease of handling

Lascar®

- Excellent "Soft" insecticide for the control of Silverleaf Whitefly
- Rated "Very Low" for impact on beneficial insects
- Offers translaminar activity
- Group 7C Insecticide Insect growth regulator
- Acts by inhibiting adult development from nymphs, and inhibits egg lay and egg hatch

Receptor[®]

- Effective knockdown insecticide for the control of Two Spotted Mite, Cotton Aphid and suppression of Silverleaf Whitefly
- Rated "Low" for impact on beneficial insects
- Group 12A Insecticide
- Offers both translaminar and fumigant type activity

Receptor is a pro-insecticide

- that provides highly
- effective control of key
- insect pests in cotton.







Receptor insecticide

Give insect pests an unwelcome reception.

 Controls Two Spotted Mite and Cotton Aphid, and suppresses Silverleaf Whitefly.

- Translaminar movement and vapour activity
- Target pests are immediately paralysed
- Knockdown and residual activity (7–14 days)
- Minimal impact on beneficials

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Herbicide Usage Guide

Product	Formulation Type	Current MOA Classification	NEW HRAC# MOA Classification	Broadleaf Weeds	Grass Weeds
BRONCO® 400 400 g/L bromoxynil	EC	С	6		
DIURON 900 WG 900 g/kg diuron	WG	С	5		
ELEVATE® 400 g/L carfentrazone-ethyl	EC	G	14		
ENCODE® 500 g/kg butroxydim	WG	А	1		
FIREPOWER® 900 900 g/L haloxyfop	EC	А	1		
MENTOR® WG 750 g/kg metribuzin	WG	С	5		
MENTOR® WG 750 g/kg metribuzin	WG	С	5		
MONSOON® 300 g/L bromoxynil + 150 g/L fluroxypyr	EC	C/I	6/4		
PLATINUM® XTRA 360 360 g/L clethodim	EC	А	1		
SIERRA® 160 g/L saflufenacil	SL	G	14		
SHOGUN® 100 g/L propaquizafop	EC	А	1		
SPRAYTOP® 250 250 g/L paraquat	SL	L	22		
SPRAYTOP® 330 330 g/L paraquat	SL	L	22		

HRAC - Herbicide Resistance Action Committee

Volunteer Conventional and Roundup Ready^{*} Cotton Control

Product	Weeds Controlled	Weed Stage	State	Rate/Ha	
BRONCO® 400	Volunteer Conventional Cotton	Cotyledon to 6 leaves	QLD, NSW,	750mL alone or 500-750mL PLUS Wipe-Out®	
400 g/L bromoxynil	Volunteer Roundup Ready* Cotton	,	WA, NT only	750mL alone or PLUS Wipe-Out®	
ELEVATE®	Volunteer Conventional Cotton		QLD, NSW,	45 - 60 mL plus a paraffinic oil adjuvant or Hasten* 1% v/v. Or	
400 g/L carfentrazone-ethyl	Volunteer Roundup Ready* Cotton	2-6 LEAF STAGE	WA only	45 - 60 mL plus Wipe-Out® 450 plus a paraffinic oil adjuvant or Hasten* 0.5% v/v	
MONSOON® 300 g/L bromoxynil + 150 g/L fluroxypyr	Volunteer Roundup Ready* Cotton	Cotyledon to 6 leaves	All States	1L alone or PLUS Wipe-Out®	
SIERRA® 160 g/L saflufenacil	Various broadleaf weeds including Volunteer Conventional and Roundup Ready* Cotton	6-10 leaf	All States	75 - 150 mL/ha plus a blended methylated/ ethylated seed oil at 1% e.g. Hasten*, Plantocrop* or Kwickin*	

Pigeon Pea Refuge Crops

Product	Pre-Planting	At Planting (Pre-Emergence)	Post-Emergence
ELEVATE® 400 g/L carfentrazone-ethyl	A	A	
SPRAYTOP® 250 250 g/L paraquat	A	A	
SPRAYTOP® 330 330 g/L paraquat	A	A	
MENTOR® 750 g/kg metribuzin		A	
FIREPOWER® 900 900 g/L haloxyfop			*
PLATINUM [®] XTRA 360 360 g/L clethodim			*

Under Permit



Defoliant Usage Guide

Product	Formulation Type	Desiccation of Regrowth	Control Excess Growth	Accelerate Boll Opening	Defoliation
ELEVATE® 400 g/L carfentrazone-ethyl	EC				
ESCALATE [®] 500 SC 500 g/L thidiazuron	SC				A
ESCALATE[®] ULTRAMAX 240 g/L thidiazuron + 120 g/L diuron	SC				A
PROMOTE® PLUS 900* 900 g/L ethephon	SL			A	A
RX-380™ 380 g/L mepiquat chloride	SL				

* Now registered for use in NT and WA, in addition to QLD and NSW

* RESTRAINTS - DO NOT apply if mean day/night temperatures are expected to fall below 18° C.

Notes

ADAMA RX-380 is a highly concentrated formulation of the cotton

GROWTH

REGULATOR

ADAMA Reward®

250

500

1000

1500

2000

growth regulator, mepiquat chloride.







RX-380

ADAMA

Cotton Growth Regulator

The super concentrate.

ADAMA RX-380 (38 g/L mepiquat chloride) (380 g/L mepiquat chloride

Application rate (mL/ha) 25 50 100 150 200

• 10 times the concentration of ADAMA REWARD® • 380 g/L mepiquat chloride in a soluble concentrate (SL) formulation • Significantly reduces packaging wastage and handling • Compatible with a wide range of ADAMA products

• Look for the new dark red formulation colour and 10 L pack size!







Notes



Spray Drift Awareness

1	What product am I spraying? Could it harm		St
	sensitive crops?	·····	St
2	Night time spraying is extremely high risk for spray drift.	۴	St
3	Is there an inversion?		St
	Know the signs.	<u>ک</u>	St
4	Use a very coarse drople or greater. Check your nozzles and pressure!	^t •	St
	Keep Boom Low	<u>וח</u>	St
5	and Travel Slow.		St
6	Wind speed and direction?		
			St
7	Continuously monitor conditions.	P	Ste
			Ste
8	Stop if something is not right!	<u>"</u>	Ste
			Ste

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Correct Mixing Order

ep 1	Fill the spray tank to at least 70% full. Commence agitation	70%
ep 2	Add any water conditioners Ammonium Sulphate or Ll 700*	F
ep 3	Add any Wettable powders (WP) e.g. Axiom® Plus	WP
ep 4	Add any Water Dispersible/Soluble Granules (WG/WDG/DF/SG) e.g. Diuron® WG or Ultro® WG	
ep 5	Allow sufficient time for any granular products to completely disperse	
ep 6	Add any Suspension Concentrate (SC) products e.g. Alpha-Scud®300, Priority®, Veritas®Opti	Sc
ер 7	Add any Dispersible concentrate (DC) products e.g. Trivor®, Skope®	□ C
ep 8	Add any Suspo-emulsion (SE) e.g. Topnotch® or Emulsifiable Concentrate (EC) products e.g. Maxentis®, Proviso®, Quadrant®, Triathlon®, Trilogy®	SE
ep 9	Fill the spray tank to nearly full	
р 10	Add any Soluble Liquid (SL) products (including Aqueous Concentrate (AC) products) e.g. Picoflex®, Zulu® XT, MCPA 750	SL/AC
ep 11	Add any SL glyphosate products e.g. Wipe-Out® 450, Wipe-Out® Pro or paraquat products e.g. Spraytop®	SL
p 12	Add any Oil Dispersion (OD) products	G ₀₀
p 13	Add adjuvants e.g. BS1000* and Oils e.g. Uptake* or Hasten* last and fill the tank.	5



ADAMA Australia Pty Ltd. Phone: (02) 9431 7800 Fax: (02) 9431 7700 Level 1, Building B, 207 Pacific Hwy, St Leonards NSW 2065 Australia For more information visit: adama.com For Customer Enquiries: **1800 4 ADAMA**

ADAMA Australia provides the cotton industry with the broadest range of crop protection and management solutions. Solutions that are trusted, easy to use and perform in-field as promised. ADAMA Australia is a committed partner to Australian cotton production working together with the industry to develop solutions for current and emerging challenges.

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ADAMA Contacts

Commercial Enquiries

Balonne/Gwydir/MacIntyre – Rob Lomman m: 0417 786 681

Macquarie/Bourke/Upper and Lower Namoi – Peta Miguel m: 0418 905 613

Central QLD – Paul Kleinhanss m: 0448 235 654

Darling Downs - Sam East m: 0437 226 884

North Qld–Jake Sullivan M: 0428 684 775

Northern Territory – Brett Hansen m: 0429 448 315

State Manager QLD/NT-Marg Chapman m: 0429 888 822

State Manager NSW – Shane Rudd m: 0448 734 844

Technical Enquiries

Central QLD/NT-Brett Hansen m: 0429 448 315

QLD – Jim O'Connor m: 0428 718 189



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