



SACOA
growing technology

HERBICIDE ADJUVANT GUIDE

November 2011

For more information
www.sacoa.com.au or
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- ✓ Australian owned
- ✓ Specialist company
- ✓ QA manufacturing
- ✓ National distribution
- ✓ Full product support



HERBICIDES			
HERBICIDE	ACTIVE	SACOA ADJUVANT	GROUP
Achieve® WG Attain 400 Crossfire 400 WDG Tralkoxydim 400 WG Density WG Respond Traktion 400 WG	Tralkoxydim 400g/kg	ENHANCE® 0.5-1%	A
Aramo®	Tepraloxymid 200g/L	ENHANCE® 0.5%	A
Atlantis®OD	Mesosulfuron-Methyl 30g/L Mefenpyr-Diethyl 25g/L	WETTA 1000 0.25% or PLANTOCROP® 1%	B
Axial®100 EC	Pinoxaden 100g/L Cloquitocet-Mekyl 25g/L	PLANTOCROP® 0.5%	A
Broadstrike® Multitude	Flumetsulam 800g/kg	ENHANCE® 0.5% or PLANTOCROP® 0.5% or WETTA 1000 0.2%	B
Cadence®WG Volley	Dicamba 700g/kg	WETTA 1000 0.1% or ENHANCE® 0.5% or CROPSHIELD® 1%	I
Cheetah®Gold	Diclofop-Methyl 200g/L Mefenpyr-Diethyl 25g/L Sethoxydim 20g/L Fenoxaprop-P-Ethyl 13.6g/L	ENHANCE® 0.5% or PLANTOCROP® 1%	A
Conclude®	Mcpa Ester 357g/L Florasulam 7g/L	ENHANCE® 0.5% or WETTA 1000 0.2%*	I, B
Crusader®	Cloquintocet-Mexyl 90g/L Pyroxulam 30g/L	WETTA 1000 0.25%	B
Decision®	Diclofop-Methyl 200g/L Sethoxydim 20g/L	ENHANCE® 0.5% or PLANTOCROP® 1% or CROPSHIELD® 1%	A
Eclipse®100 SC	Metosulam 100g/L	ENHANCE® 0.5% or CROPSHIELD® 1%	B
Factor®WG	Butoxydim 250g/kg	ENHANCE® 1%	A
Fusilade®	Fluazifop-P-Butyl	WETTA 1000 0.2% or CROPSHIELD® 2%	A
Fusion®Super WG	Butoxydim 250g/kg Fluazifop-P 212g/kg	CROPSHIELD® 2% ENHANCE® 1%	A
Garlon®600 Grando 600 Innova Triclopyr 600 Invader 600 Redeem 600 Safari 600 Triclopyr 600	Triclopyr 600g/L	ENHANCE® 0.5% or CROPSHIELD® 1%	I
Grazon®Extra	Triclopyr 300g/L Picloram 100g/L Aminopyralid 8g/L	ENHANCE® 0.5-1% or WETTA 1000 0.1-0.125%	I
Hammer 400EC	Carfentrazone-Ethyl 400 g/L	ENHANCE® 0.5% or PLANTOCROP® 0.5%	G
Hoegrass®500 Diclofop-Methyl 500	Diclofop-Methyl 500g/L	WETTA 1000 0.25%	A
Hussar OD®	Idosulfuron-Methylsodium 100 g/L	WETTA 1000 0.25%	B
Intervix®	Imazamox 33g/L Imazapyr 15g/L	ENHANCE® 0.5% or PLANTOCROP® 0.5-1%	B
Logran®750 WG Nugran® Ken-Gran 750 WG Lonestar 750 WG Sipgran Triasulfuron 750 WG	Triasulfuron 750g/kg	CROPSHIELD® 1%	B
Logran B-Power®	Butafenacil 200g/kg Triasulfuron 520g/kg	PLANTOCROP® 1%	B, G
Mataven 90	Flamprop-Methyl 90g/L	ENHANCE® 0.5%	K
Midas®	Mcpa 288.5g/L Imazapic 22g/L Imazapyr 7.3g/L	ENHANCE® 0.5% or PLANTOCROP® 0.5-1%	B, I
Monza®	Sulfosulfuron 750g/kg	ENHANCE® 1%	B
Nutrazine®900 DF Farmozine 900WG Maizine 900WDG Atrazine 900WG	Atrazine 900g/L	ENHANCE® 0.5%-1%	C
Precept®300 EC	Mcpa 250 g/L as the 2-Ethylhexyl Ester Pyrasulfotole 50 g/L	PLANTOCROP® 0.5-1% or ENHANCE® 0.5%	H, I

HERBICIDES			
HERBICIDE	ACTIVE	SACOA ADJUVANT	GROUP
Raptor®WG	Imazamox 700g/kg	PLANTOCROP® 0.5% or WETTA 1000 0.2%	B
Sertin®186 EC	Sethoxydim 186g/L	CROPSHIELD® 1-2%	A
Shogun®	Propaquizafop 100g/L	PLANTOCROP® 0.5% or WETTA 1000 0.2%	A
Spinnaker®700 WDG Janitor 700 WG	Imazethapyr 700g/kg	PLANTOCROP® 0.5% or WETTA 1000 0.2%	B
Starane® Advanced	Fluroxypyr 333g/L	ENHANCE® 0.5% or WETTA 1000 0.1%	I
Flagship® Fluroxypyr 200® Innova Fluroxypyr® Fluroken 200® TITAN Fluroxypyr 200®	Fluroxypyr 200g/L	ENHANCE® 0.5% or WETTA 1000 0.1%	I
Select® Status® Innova® Clethodim 240 Platinum® Sequence® Havoc®	Clethodim 240g/L	ENHANCE® 0.5% or PLANTOCROP® 1% or CROPSHIELD® 2%	A
Targa® Tzar® Quinella® Leopard® Quizalofop P Ethyl	Quizalofop-P-Ethyl 99.5g/L	ENHANCE® 1% or WETTA 1000 0.2% or CROPSHIELD® 1% + WETTA 1000 0.1%	A
Targa® Bolt 200 Tzar Bolt Elantra Xtreme	Quizalofop-P-Ethyl 200g/L	PLANTOCROP® 1% or WETTA 1000 0.2%	A
Topik®240 EC Castrate Matter 240 EC Trend Mandate Clodinafop 240EC	Clodinafop-Propargyl 240g/L Cloquintocet-Mexyl 60g/L	ENHANCE® 0.5% or CROPSHIELD® 1% or PLANTOCROP® 0.5%	A
Torpedo	Clopyralid 300g/L Florasulam 50g/L	ENHANCE® 0.5% or WETTA 1000 0.2%*	I, B
Tristar® Advance	Diclofop-Methyl 250g/L Fenoxaprop-P-Ethyl 13g/L	WETTA 1000 0.25%	A
Velocity®	Bromoxynil 210g/L Pyrasulfotole 37.5g/L	PLANTOCROP® 1%	H,C
Verdict®520 Inquest Firepower Exert 520 Convict Hermes 520	Haloxfop 520g/L	ENHANCE® 0.5% or CROPSHIELD® 1% + WETTA 1000 0.2% or WETTA 1000 0.2%	A
Wildcat®110 EC	Fenoxaprop-P-Ethyl 110g/L	WETTA 1000 0.25%	A
X-Pand®	Isoxaben 610g/kg Florasulam 40g/kg	ENHANCE® 0.5%	O, B
FUNGICIDE	ACTIVE	SACOA ADJUVANT	GROUP
Amistar Xtra	200 g/L Azoxystrobin	PLANTOCROP® 2% or WETTA 1000 0.25%	C, K
Opus 125	125 g/L Epoxiconazole	WETTA 1000 0.2%	C
Folicur 430 SC Hornet Laguna 430 Launch Orius 430SC Rebuke 430 SC Tebuconazole 430 SC	430g/L Tebuconazole	CROPSHIELD® 1%	C
Prosaro 420 SC	210g/L Tebuconazole 210g/L Prothioconazole	WETTA 1000 0.25% or PLANTOCROP® 1% or CROPSHIELD® 1% or ENHANCE® 0.5%	C

Adjuvant and rate to be used according to crop vigour, mix, water volume, crop and weed targeted. Always read the herbicide label prior to mixing.

This information is designed to provide a general guide as to what adjuvants may be used to assist the efficacy of a range of registered herbicides in Australia.

This information has been prepared utilising data publicly available as at time of production in July 2011. Whilst all care has been taken to ensure the accuracy of information contained in this guide SACOA Pty Ltd accept no responsibility whatsoever for any errors of fact or interpretation that may exist and it is the responsibility of the reader to confirm all relevant information prior to any reliance on it.

As a guide this document does not attempt to offer prescriptive advice in any way. This information should always be read in conjunction with product labels and does not attempt to recommend use patterns outside of recommended or registered applications.

It is important to consider how and where the product will be used in determining what adjuvant will be the most suitable and whether one should be used at all. The compatibility and effect on the crop of two or more spray ingredients can be influenced by a range of factors that this document does not attempt to cover.

ANTI-EVAP, CROPSHIELD, ENHANCE, PLANTOCROP, XSEED are registered trademarks of SACOA Pty Ltd.

PRODUCT DESCRIPTIONS



ANTIEVAP®

A mineral based herbicide adjuvant/wetter. For use with knockdown herbicides during fallow and summer spraying in adverse weather conditions.
Reliable performance & economically priced.

MAY REPLACE

Broadcoat®, Empower®, Ulvapon®



PLANTOCROP®

Designed to enhance the penetrating properties of both post-emergent herbicides and pyrethroid insecticides.
Particularly suitable for cold water applications.

MAY REPLACE

Hasten®, Kwicken®



CROPSHIELD®

A traditional mineral spray oil with a superior surfactant package, enabling wide use with grass selective and broad-leaf herbicides as well as fungicides and insecticides. Often mixed with non-ionic surfactant to help penetrate waxy leaf surfaces.

MAY REPLACE

Ad-here® and D-C Trate®



XSEED®

A unique blend of emulsifiers and environmentally renewable, super de-gummed Canola oil.
XSEED® is a leading adjuvant for use with many horticultural and agricultural pesticides that require a spreader and sticker.

A very effective anti-drift agent in adverse wind conditions.

Ideal in situations where rainfastness is a priority.

MAY REPLACE

Horti Oil®, Driftex®, Syntrol®



ENHANCE®

A premium Crop Oil Concentrate (COC), compatible with herbicides that require a COC that has very high levels of surfactants.
Recommended for multi-component tank mixes such as atrazine and Select®.
Formulated to be effective in cold water situations.

A premium cotton defoliation aid.
Generally used at half the rate of traditional crop oils eg, CROPSHIELD®

MAY REPLACE

Uptake®, Supercharge®



WETTA 1000

Specifically designed for use as an agricultural tank-added adjuvant.

The excellent wetting properties of WETTA 1000 increases herbicide activity by improving spray coverage, droplet retention and uptake.

MAY REPLACE

Various Wetting Agents

The **MAY REPLACE** listings above are to be used as a guide only and should not be seen as a recommendation. Always consult the **Directions For Use** on the chemical label.

NOTES AND CONTACT DETAILS

The following points must be read as part of this compatibility chart:

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- ANTIEVAP, CROPSHIELD, ENHANCE, PLANTOCROP, XSEED are registered TM of SACOA Pty Ltd.

Contact Details

Contact SACOA's head office to find your local SACOA representative.

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