

# NUFARM BROADACRE ADJUVANTS GUIDE

Optimise your applications year round with Nufarm.



ACTIVE INGREDIENT		Non-ionic surfactants 900g/L	Methyl esters of canola oil 725g/L	Synthetic latex 450g/L and Surfactant 100g/L	Alcohol alkoxyolate 1000g/L	Soyal phospholipids 350g/L and Propionic acid 50g/L	Ammonium sulfate 417g/L	Polydimethylsiloxane 1020g/L	Paraffin oil 471g/L	Octyl phenol ethoxyolate 1040g/L
COMMENTS		<ul style="list-style-type: none"> <li>Improves penetration and uptake</li> <li>Reduces foaming</li> <li>Provides Humectancy (Droplet survival)</li> <li>Low application rates</li> <li>Increases coverage</li> </ul>	<ul style="list-style-type: none"> <li>Improves penetration and uptake</li> <li>Aid for droplet management (Drift Reduction + Droplet survival)</li> <li>Increases coverage</li> <li>Excellent crop safety with selective products</li> </ul>	<ul style="list-style-type: none"> <li>Improves droplet deposition</li> <li>Greatly improves rainfastness</li> <li>Improves performance &amp; life of protectant fungicides</li> </ul>	<ul style="list-style-type: none"> <li>Increases spreading and wetting</li> <li>Excellent general purpose surfactant</li> <li>Improves penetration at high rates</li> <li>Increases herbicide activity</li> </ul>	<ul style="list-style-type: none"> <li>Improves penetration and uptake</li> <li>Aid for droplet management (Drift +Reduction Droplet survival)</li> <li>Prevents chemical degradation</li> <li>Increases coverage</li> <li>Ideal for glyphosate products</li> </ul>	<ul style="list-style-type: none"> <li>Minimises the impact of hard water on glyphosate performance</li> <li>Minimises antagonism between glyphosate and other herbicides</li> <li>Minimises the effect of bicarbonates on Group A "DIM" herbicides</li> </ul>	<ul style="list-style-type: none"> <li>Excellent unsurpassed spreading characteristics</li> <li>Improves uptake through stomatal flooding</li> <li>Improves efficacy on hard to wet weeds (for example woody weeds)</li> <li>Improved efficacy of cereal fungicides in dense canopies</li> </ul>	<ul style="list-style-type: none"> <li>Only registered adjuvant for Achieve® and Factor®</li> <li>Enhances wetting, spreading and uptake of systematic herbicides</li> <li>Aids in management of spray droplet quality and survival</li> </ul>	<ul style="list-style-type: none"> <li>Improves glyphosate performance on hard to wet grasses such as:                             <ul style="list-style-type: none"> <li>Annual rye grass</li> <li>Serrated tussock</li> <li>Silver grass</li> <li>Perennial grasses</li> </ul> </li> </ul>
WATER CONDITIONING	HIGH pH					✓✓✓	✓			
	HARDNESS						✓✓✓			
	ANTI-FOAMING	✓✓✓								
COMPATIBILITY AGENT						✓	✓✓			
DROPLET MANAGEMENT/DRIFT		✓	✓✓	✓	x	✓✓		x	✓✓✓	✓
DEPOSITION AID/ADHESION		✓	✓	✓✓✓	✓	✓		✓✓	✓✓	✓✓
SPREADING		✓✓	✓✓	✓	✓✓	✓✓		✓✓✓✓✓	✓✓✓	✓✓
PENETRATION		✓	✓✓✓		✓	✓✓✓		✓✓✓	✓✓✓	✓✓
RAINFSTNESS		✓	✓✓✓	✓✓✓✓✓		✓✓✓		✓✓✓		✓✓

✓ Better effects indicated by higher number of ticks.  
 x Indicates that the adjuvant has a negative effect on the outcome.



To further enhance your spray strategy, get up to date weather information with Spraywise Decisions. It provides a real-time spray planner, meteogram and radar information from the convenience of your mobile. Better decisions, better results. Visit [spraywisedecisions.com.au](http://spraywisedecisions.com.au) for more information.



As a subsidiary of Nufarm Ltd, Croplands shares the vision to supply our customers with the best products available. The synergies we share with Nufarm, such as Spraywise, give us an unparalleled understanding of application technology. We can match target, chemical, nozzle and sprayer to recommend the most efficient and efficacious delivery system. Nufarm's R&D trial program gives us the confidence that our products and recommendations work. Visit [croplands.com.au](http://croplands.com.au) for more information.



Want to stay updated? Follow us on our socials! @NufarmAustralia

[nufarm.com.au](http://nufarm.com.au)

The information and recommendations set out in this brochure are no substitute for professional or expert advice and are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. To the maximum extent permitted by law, Nufarm Australia Limited disclaims all warranties of any kind, whether express or implied, including but not limited to any warranty that the information is up-to-date, complete, true, legally compliant, accurate, non-misleading or suitable.  
 © 2017 Nufarm Australia Ltd. All trade marks (®,™) are owned by Nufarm Australia Ltd or used under license.



Grow a better tomorrow.