

# ANTIEVAP®

## Spray Adjuvant



### PRODUCT OVERVIEW

SACOA's **ANTIEVAP®** is a 100% petroleum-based adjuvant that is designed for use during fallow and summer spraying, being especially effective in adverse weather conditions. The use of SACOA's **ANTIEVAP®** will minimise active ingredient losses due to evaporation both during spraying and on the target surface by encapsulating the herbicide active in the spray solution and depositing it on the leaf surface in a controlled, uniform size droplet. Because petroleum based spray adjuvants strip the waxy cuticle off the leaf surface, SACOA's **ANTIEVAP®** also assists the active herbicide to spread and penetrate into the plant tissue.

### PRODUCT POSITIONING

The weed management and moisture conservation practice of fallow spraying has been widely adopted by Australian farmers, for winter as well as summer cropping. Because some broadleaf weeds (such as afghan melons) with hairy and waxy leaf surfaces are hard to wet and penetrate, there has been a requirement to mix knockdown herbicides with highly volatile Phenoxy herbicides. Phenoxy herbicides such as MCPA, dicamba, 2,4 - D and 2,4DB ( all Group I ) control a wide range of broadleaf weeds relatively cheaply. Their only disadvantage is that during some adverse climatic conditions, vapour and spray drift can move several kilometres (reputably up to 10km) away from the spray target and cause non - target damage to adjacent crops, shelterbelts and diversification tree crops.

### PRODUCT FEATURES AND BENEFITS

The use of SACOA's **ANTIEVAP®** will minimise spray drift and evaporation by encapsulating the herbicide active in the spray solution and depositing it on the leaf surface in a controlled, uniform size droplet. Because mineral based spray adjuvants strip the waxy cuticle off the leaf surface, it also assists the active herbicide to penetrate into the plant tissue.

During summer spraying, low water rates with high temperatures and/or low relative humidity can cause rapid evaporation of the spray solution, which may reduce effectiveness. This is unsatisfactory, as herbicides need a period of time to penetrate the leaf surface to work properly.

SACOA's **ANTIEVAP®** reduces the evaporation rate, allowing the active chemical time to do its job properly in the quickest time possible. Summer weed management is also effective in reducing fungal spore carry over, from grass weed species to cultivated crops

For more information  
[www.sacoa.com.au](http://www.sacoa.com.au) or  
 call 08 9386 7666

- ✓ Australian owned
- ✓ Specialist company
- ✓ QA manufacturing
- ✓ National distribution
- ✓ Full product support



# PRODUCT INFO SHEET

SACOA



## CRITICAL INFORMATION

### PRODUCT TYPE

Spray Adjuvant

### ACTIVE INGREDIENTS

859g/L Petroluem Oil

### USE RATE

1 - 2 L/100L

### PACK SIZES AVAILABLE

20 L  
110 L  
1000 L

## USER GUIDE

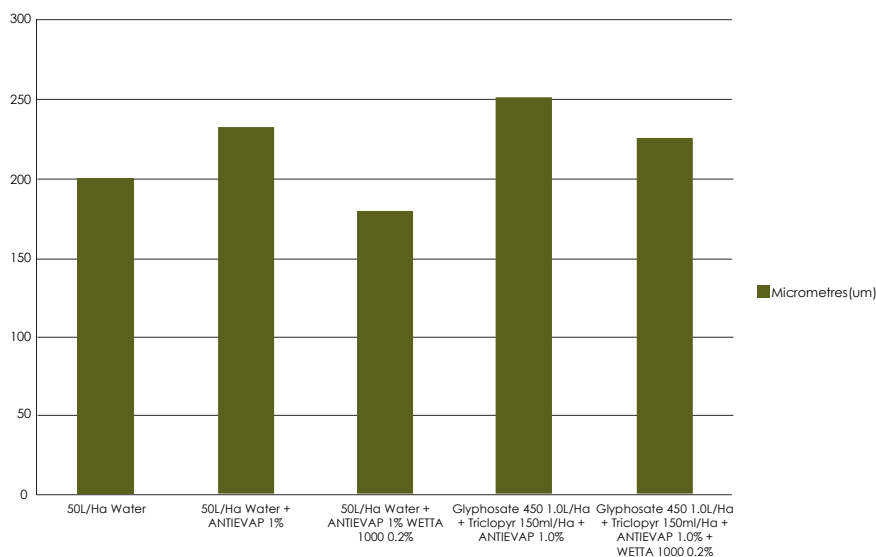
Use as recommended on herbicide label in conjunction with knock-down or non-selective herbicides.

SACOA's **ANTIEVAP**® will enhance the uptake of herbicide into the plant by reducing the surface tension of the spray droplet.

## PRODUCT PERFORMANCE

Oil based adjuvants such as SACOA's **ANTIEVAP**® have a positive effect on increasing droplet size versus non-ionic surfactants as seen below in Chart 1.

VMD of various adjuvant solutions



## PRODUCT COMPATIBILITY

SACOA's **ANTIEVAP**® is specifically formulated for use with nonselective herbicides and should never be used with post emergent selective crop herbicides as crop damage may occur.

USE/SITUATION	RATE PER 100ml	ADJUVANT
Melons only 5-30cm (Afghan & Paddy)	Garlon @ 80 - 100ml	ANTIEVAP @ Spray Adjuvant 1%
	Garlon @ 100 - 120ml	ANTIEVAP @ Spray Adjuvant 1%
	2,4-D Ester 800 @ 400 - 500ml (LV Ester 600 @ 530 - 670ml)	ANTIEVAP @ Spray Adjuvant 1% <b>OR</b> Amine 625 @ 650ml + ANTIEVAP @ Spray Adjuvant 1%
	2,4-D Ester 800 @ 350 - 500ml (LV Ester 600 @ 470 - 670ml) + Garlon @ 80 - 100ml	ANTIEVAP @ Spray Adjuvant 1%
Melons only > 30cm (Afghan & Paddy)	2,4-D Ester 800 @ 500ml (LV Ester 600 @ 670ml) + Garlon @ 100 - 120ml	ANTIEVAP @ Spray Adjuvant 1%
	Garlon @ 120 - 140ml	ANTIEVAP @ Spray Adjuvant 1%
	Garlon @ 140 - 160ml	ANTIEVAP @ Spray Adjuvant 1%
Melons plus Wireweed	Above for Melons + Metsulfuron @ 5g + WA 0.2%	ANTIEVAP @ Spray Adjuvant 1%

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