

COHORT 700®



PRODUCT OVERVIEW

SACOA's **COHORT 700®** Surfactant is a multi-purpose adjuvant which is composed of natural surfactants and penetrants derived from Soybean oils. These are combined with Propionic acid to provide a penetrant, surfactant, acidifier for use with herbicides (particularly Glyphosate), insecticides, fungicides, foliar fertilizers and plant growth regulators.

PRODUCT POSITIONING

The acidifying nature of SACOA's **COHORT 700®** optimises the pH of the spray water for spray applications where an acidic pH is preferred. This is particularly useful for certain insecticides which can be quickly degraded in alkaline conditions.

The unique acidic properties of SACOA's **COHORT 700®** enhance the uptake of many systemic products, allowing to effectively penetrate into leaves without causing any damage to non-target crop plants

PRODUCT FEATURES AND BENEFITS

- **Acidifier**
Minimise chemical degradation & Provides favourable pH environment for maximum chemical uptake
- **Assist in managing chemical losses caused by alkaline hydrolysis**
Reduces chemical incompatibility in certain spray tank mixes
- **Aid for droplet survival**
Reduces evaporation rate compared to traditional non-ionic surfactants
- **Improves spreading/wetting**
Reduces surface tension to aid wetting and spreading on difficult to wet weeds.
- **Ideal for use**
With glyphosate and 2,4-D, In summer spraying mixtures and against hard to control weeds such as Couch grass and Button Grass.

For more information
www.sacoa.com.au or
 call 08 9386 7666

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





PRODUCT PERFORMANCE

SACOA's **COHORT 700®** will reduce the number of fine droplets (<150 microns) produced by flat fan nozzles, without increasing the number of large spray droplets. (>400 microns).

SACOA's **COHORT 700®** will reduce the fine droplets associated with, but not eliminate off target movement of the pesticide being used. This is contingent upon good agricultural spraying practise and appropriate nozzle choice. **DO NOT** use in situations that are conducive to drift.

PRODUCT COMPATABILITY

USE/SITUATION	RATE PER 100ml	ADJUVANT
Wireweed (50cm)	1.125L Glyphosate 480 + 5g Ally	COHORT 700® @ 0.3%
Melon Mix (1m) +	100ml Garlon + 400ml Esteron LV +	COHORT 700® @ 0.3%
Wireweed (50cm)	1.125ml Glyphosate 480 + 3g Ally	+ 1% SoA
Couch Grass	2.8L Glyphosate 480	COHORT 700® @ 0.5%

It is important to identify which melons you have in your paddock. Paddy melons require higher rates of Garlon, while Afghan melons require a higher rate of a 2,4-D ester in the mix for successful control.

The ratio of glyphosate to ester should be 2:1 or greater to avoid antagonism.



Image 1: Button Grass
Mullewa, 2017

CRITICAL INFORMATION

PRODUCT TYPE

Spray Adjuvant

ACTIVE INGREDIENTS

350g/L Soyal Phospholipids +
350g/L Propanoic Acid

USE RATE

0.25 - 0.5L/ 100L

PACK SIZES AVAILABLE

20 L
110 L
1000 L

USER GUIDE

Addition to herbicides to improve penetration and spreading

Rate per 100ml : 250 - 500ml

Reduction to pH to reduce alkaline hydrolysis

Rate per 100ml : 100ml

Improve uptake of foliar fertilizers

Rate per 100ml: 200 - 500ml

Drop size management to reduce fine droplets and drift potential for most nozzle types by air and ground

Rate per 100ml: 300 - 500ml

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