

# PROTEC PLUS®

## The Proven Performer



*The Proven Performer for  
enhancing your sugar-  
cane chemical sprays*



## The Innovators in Agricultural Technology



# Enhance your sugarcane chemical sprays with Protec Plus® spray adjuvant, the Proven Performer.

**Protec Plus spray adjuvant is a blend of esterified canola oil and non-ionic surfactants that when combined with your chemical applications, enhances their performance.**

**Protec Plus dramatically improves**

- Wetting
- Sticking
- Penetration
- Rainfastness
- Drift control
- Droplet deposition
- Odour reduction
- Evaporation reduction

**Enhances the effectiveness of**

- Herbicides
  - \* Knockdowns such as glyphosate and paraquat/diquat mixtures
  - \* Post emergent sprays
- Insecticides
- Fungicides
- Foliar fertilizers

**Why use Protec Plus**

By adding Protec Plus to sprays, more spray droplets reach the weed, coverage is more even, and wetting and sticking is improved, with greater chemical retained on the leaf especially when rain, irrigation or dew is likely. With this improved retention, plus greater penetration into the leaf, the plant's defences are defeated, and full control is achieved.

**Rainfast within minutes**

By improving wetting, sticking and penetration of the spray, Protec Plus makes spray applications rainfast within minutes. Trials show that even after 50mm of rainfall only 20 minutes after application,

glyphosate with Protec Plus added at 500mL per 100L of spray mix gave 98% control of weeds compared to significant loss of efficacy with other adjuvants. See Figure 1.

**Reduces evaporation & drift**

By aiding formation of uniformly sized droplets and eliminating fine droplets, Protec Plus helps to get a greater spray percentage reaching the target, minimizing off target drift. By encapsulating the droplets, the oil also reduces evaporation and loss of droplets.

**Decreases Odour**

By encapsulating the spray droplet with the oil component, Protec Plus helps to decrease odours.

**Easy to mix**

Mixes instantaneously and does not require pre-mixing or continuous agitation. May be used with all methods of spray application. Add to spray tank last as per label directions.

No special equipment is necessary.

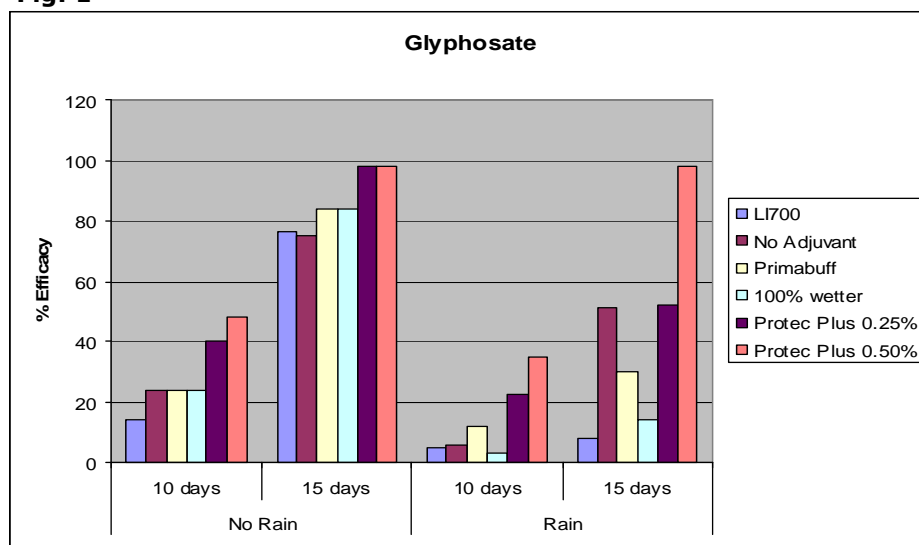
**Compatibility**

Protec Plus is non-phytotoxic at recommended rates and is compatible with most commonly applied chemicals including herbicides, fungicides, insecticides and other foliar sprays.

**Proven Results**

Cane farmers and others have used Protec Plus extensively over many years with excellent results.

**Fig. 1**



## APPLICATION GUIDELINES

Situation	Rate	Critical Comments
Broadacre & Boom Spray	200ml – 1L/100L water	Use the lower rate when using low application rate products
Aerial, CDA, or ULV	200ml – 2L/Ha	
Handgun	(Spot spraying ) 150 – 300ml/100L water	
Knapsack	15ml – 20ml/10L water	

**ALWAYS READ THE COMPLETE LABEL DIRECTIONS BEFORE USE**



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